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### GENTRAL INTELLIGENCE AGENCY

### Office of the Chief, Economic Research

Office of Research and Reports

LINE TO SELECTION OF THE PROPERTY OF THE PROPE
MEMORANDUM TO THE CHIEF, ECONOMIC RESEARCH
Attention: Chief, Planning and Review Staff
SUBJECT: Transmission of Draft Report, Ch/E Project No.
Title: Interim Study of USSR Shipyards in Economic Region VII
ORR Project 35.
Author: Analysts in I/SH
ENCLOSURE: Subject draft report (original and 2 copies).
1. Enclosure is forwarded herewith for review and the state of individuals and their units.  See comments  See comments  See comments  See comments
3. Arrangements for maps and/or graphics through St/PB with Cartographic Division.
See comments
4. Recommended Dissemination: Standard Requester
US OFFICIALS ONLY EIC Subcommittee Other, foreign, etc. (attach list)
5. Has information on US military end products or manpower been used? Explain Yes, used to estimate maximum number of employees.  6. Has direct use been made of the intelligence or information of another agency?  Yes.
7. Have all sources been considered in the preparation of this report? No.
8. Man-hours utilized by this division in producing this report: ? Branches of other CAR Divisions contributing to this report, and (if available) man-hours utilized by each:
9. The analyst responsible for consultation is: 25X1A9a
(Name) (Branch) (Extension)
10. Comments:
1. This study is designed as a working aid for I/SH. Publication is not recommended.  2. Arrangements for coordination with ONI and AFOIN have been made.  3. No publication of maps or charts is recommended.  4. No dissemination is recommended.  25X1A9a
Chief, Industrial Division

The classification of this transmittal sheet will be changed to conform to the classification of the draft report which it covers.

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# INTERIM STUDY OF USSR SHITTARDS IN ECONOMIC REGION VII

ORR PROJECT 35.530 5/6

OCTOBER 1954

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# SECRET

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III.	Surmary - List of shipyards, alphabetical according to cities showing estimated production capabilities of naval vessels or merchant vessels	
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٧.	Methodology	

# SECRET

The material and estimates contained herein are designed primarily to assist the analysts in the Shipbuilding Branch of the Industrial Fivision, CIA. It is intended to supplement and alter this material and estimates periodically as new material and time will allow. It should not be used or quoted without specific confirmation of the Shipbuilding Branch.

This report presents a brief summary of the location, size, facilities and estimated production capabilities together with the principal gaps in intelligence of each known or reported shippard in economic area VII of the USER. It is one of a series of such reports being prepared, which combined will cover all of the USER shippards.

The limitations placed on the source of material and upon the research time necessarily means that the information contained herein can be considered tentative only.

The information is derived from material available from the Industrial Register and the files of the Shipbuilding Branch as of October 1954.

Informal coordination with analysts of ONI and AFOIN is currently being imitiated. Alterations or additions indicated as the result of this coordination will be made in the file copy of I/SH.

### AREA VII

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City	Shipward	Page No.
Arkul* 57*17*N-50*03*E	Ship Repair Yard in Hemory of S.M. Kirov	11
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Kalinin 56 <sup>6</sup> 50'N-35 <sup>6</sup> 55'E	Kalinin Ship Repair Sheps	86
Kashira 54-49' F-38-10'E	Keshira Shipyard	90A
Kasimov 54°56'N-41°24'E	Kasimov Ship Repair Shops	91

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City	Shipward	Page No.
Kineshma 57 <sup>©</sup> 28'N-42 <sup>©</sup> 07'E	Kineshma Ship Repair Sheps	<b>96</b> %
Kirev 58°36'N-49°42'E	Pamyat Kirova Shipyard	101
Kestroma 57°40°N-40°52°E	Komsonolskava Pravda Shipyard	106
Liski 50°59'N-39°30'E	Idski Ship Repair Sheps	111
Mekshan 53 26*N-44 37*E	Mokshan Shipyard	116
Mescow 55°45'N-37°38'E	Khlebnikovo Ship Repair Yard Mescow Boatyard Mescow Ship Construction	121
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Navashino 55°32'N 42°12'E	<b>Negatinsk</b> Shipyard Merdovshinski Shipyard	141 145A
Pamyat'ParizhskoyKosmuny 56°06'N-44°31'E Pavlovsk	Ship Repair Yard im. Pamyet' Parizhskoy Kommuny Pawlovsk Ship Repair Shops	146 150A
50°28'N-40°06'E Raznezh'ye 56°11'N-45°41'E	Raznezhiye Shipyard	151
Ryazan 54 <sup>0</sup> 40'N-39 <sup>0</sup> 40'E	Ryazan Ship Repair Shops	156
Seyma 56°14'H-43°10'E	N.A.	161
Shcherbakev 58°03'N-38°50'E	Katerostroyenie Shipyard Selekhovo Shipyard Shcherbakov Ship Repair Shep Velodarski Shipyard	1 65 171 176 181
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Sesnovka (Kirev Oblast) 56°15'N-51°17'E	N.A.	190A
Sesnevka (Tambev Oblast) 53°14'N-41°23'E	Shipyard #840	191
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Vorotynsk 54026*N-36003*E	Gorkiy Shipyard	205A

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Vyezniki 56015'N-42010'E	N.A.	211
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Kalinin Ship Repair Shops	Gor¹kiy	51
Kalinin Chin Benefu Chann	w 4	86
Kalinin Ship Repair Sheps	Kalinin	90
Karl Marx Shipyard	Gor*kiy	56
Kashira Shipbuilding Plant	Kashira	20A
Kashira Shipyard	Kashira	90A
Kasimov Ship Repair Sheps	Kasimov	$\widetilde{\mathfrak{I}}$
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Melstov Shipyard Merdovshinski Ship and Bridge Cons Merdovshinski Shipyard	Ger'kiy t. <sup>±</sup> lant Naveshino Navashino	46 1454
Moscow Bestyard	lescov	145A 126
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Moscow Ship Construction and Ship Repair Factory	Moscov	131
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Pamyat! Kireva Shipyard	Kirov	101
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Yur'yevets Shipyerd	Tur 'yevets	236

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<u>C1ty</u>	Shipyard	Est. Froduction Capacity	
Kostroma 57°40' N-40°52'E	Komsomolskaya Pravda Shipyard	N.A.	N.A.
Liski	Liski Ship Repair Shops	N. A.	W.A.
Mokshan	Mokshan Shiryerd	N.A.	N.A.
Moseow 55 <sup>6</sup> 45'N-37 <sup>6</sup> 38'E	Khletnikovo Ship Repair Yard	N.A.	N.A.
	Moscov Bostyard	280	980
	Mescow Ship Construction and Ship Repair Factory	H.A.	N.A.
	Moscow Shipyard (at Luzhniki)	N.A.	W.A.
Neveshino 55032 N-42012 TE	Nogatinsk Shipyard Mordovshinski Shipyard	1,850 N.A.	6,475 N.A.
Pamyat' Parishakoy Kommuny 56006'E-44031'E	Ship Repair Yard im.Pamyat' Parizhskoy Kommuny	W.A.	N. <b>≜.</b>
Paylovsk 50°26'N-40°06'E	Pavlovsk Ship Repair Shops	N.A.	N.A.
Raznezh'ye 56011'N-43010'E	Raznezh*ye Shipyard	務。A。	N.A.
Ryazan 54°40'R-39°40'E	Ryazan Ship Repair Shops	90	665
Seyma 56°14'N-43°10'E	N.A.	N.A.	
Shcherbakov 58°03'N-38°50'E	Katerostroyenie Shipyard Selekhovo Shipyard	1,900 N.A.	6,500 B.A.
	Sheherbakov Ship Repair Shops	Reps	ir only
	Volodarski Shiryard	2,400	8,400
Sokolskoye 57°08'N-43°09'E	n.A.	₩.A.	W.A.
Scanovká (Tambov Oblast) 53 litt il 23 E	Shipperd #840	W.A.	N.A.
Scenevka (Kirov Oblast)	N.A.	N.A.	N.A.
Tambov 52043'N-41027'E	H.A.	N.A.	<b>₽.A.</b>
Voronezh 510381N-390121E	N.A.	n.a.	W.A.
Verotynek 54 26 E-36003 E	Gorkiy Shipyard	N.A.	N.A.
Voskresenskoe 56°61'K-45°26'E	N.A	W.A.	W.A.

## AREA VII

### III. Summary

<u>C1tv</u>	Shirvard	Est. Production Capacity Faval SDT Forchant GRT	
ŧ		PATEL SVI	Merchant GRT
Arkul' 57017'N-50003'E	Ship Repair Yerd in Memory of S.M. Kirov	<b>N.A.</b>	W.A.
Chernoramenye 54°12' N-31°17'E (	W.A. estimated)	M.A.	N.A.
Chkalovsk 56 <sup>0</sup> 45'N-43 <sup>0</sup> 16'E	Ship Repair Yard im. Ulyanov	n.a.	₩ <b>.</b> A.
Doschatinsk 55°22'N-42°07'E	R.A.	N.A.	N.A.
Dudenovo 56°10' N-43°31'E	Dudenovo Ship Repair Shops	N.A.	N.A.
Gor'kiy 56020'k-44000'E	Eutskev Shipyard	Repai	r only
yo 20 11-144, 00 15	Krasnoye S <b>ormovo</b> Shipyard No. 112	22,280	77,980
	Shipbuilding and Ship Repair Yard im. Melotov	₩ <b>.</b> Å.	N.A.
	Ship Repair Shops im. Kalinin	W.A.	N.A.
	Ship Repair Yard im. Karl Marx	1,280	4,480
	Shipyard im. Gor'kiy	W.A.	W.A.
	Shipperd im 25th of October	760	2,660
	Terlokhod Shiryard	1,720	6,020
Gorodets 56°39'N-43°28'E	Gorodets Shiryard	N.A.	₩ <b>.</b> A.
Gorokhovets 56°12'R-42°40'E	Krasny Kotelshchik Shipyard	N₊A₊	₩ <b>.</b> Α.
Kalinin 56050'R-35055'E	Kalinin Ship Repair Shops	60	238
Kashira	Kashirs Shipyard	N.A.	N.A.
54019 N-38010 E Regimov 54056 N-41024 E	Kasimov Shin Repair Shops	Probably repair only	
Kineshma 5 <b>70</b> 28'N-42 <sup>0</sup> 07'E	Kineshma Shir Repair Shops	N.A.	N.A.
Kirov 580361N-490421E	Famyat Kirova Shinyard	₩ <b>.</b> Α.	M.A.

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City	Shinward	Fat. Preduc Naval SDT	tion Capacity Merchant GRT
Vyasniki 56°15'#-42°10'E	N.A.	N.A.	N.A.
Vyksa 55°21' N-42°12'E	Shimorski Shiryard	N.A.	N.A.
Vyshni Volochek 57°32'N-34°35'E	₩•Α•	<b>节.</b> 点。	N.A.
Yaroslavl'	Yaroslavl' Ship Repair	N.A.	W.A.
570351N-390501E	Yaroslavl' Shippard No. 345	1,600	5,600
Yur'yevets 57 <sup>6</sup> 20'N-43 <sup>0</sup> 07'E	Yur'yevets Shippard	N.A. N.A.	₩.A. ₩.A.
Zvenigovski Zaton 55°58'N-48°02'E	Putyakov Shipyard	<b>W.</b> A.	₩ <b>.</b> A.

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Subject Country City SHIPYARDS USSR

Current Name

Ship Repair Yard in Memory of S.M.Kirov

Alternate Name:

"Pamyat Tev. Kirova"

Location

Geordinates of Arkul:- 57°17'N, 50°03'E

Remarks

This yerd is subordinate to the Vyatka River Steamship Line of the Ministry of the Maritime and River Floats. It appears to be a fairly important repair and everhaul installation. In the past the ward has also built some small vessels and probably still has the capacity for this type of work.

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Subject

SHIPYARDS

Country

City

: ARKUL!

Current Mame: Ship Repair Tard in Memory of S.M. Kirov

WAPS IN INTELLIGENCE:

The following ruestions were used as a research

guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (\*).

- \*1. That is the current name of this yard?
- \* By what other names is the yard known?
- 3. That is the exact location of this yard?
  - a. Coordinates
  - b. Azimuth and distance from some prominent landmark.
- 4. That are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
  - Number
  - Location
  - Type
  - Capacity
  - Dimensions
- 8. That drydock facilities exist at this yard?
  - a. Number
  - b. Location
  - Type

- Capacity
- Dimensions

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- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
- ¥ 11. What is the Yard's ship construction history (1935-present)?
  - \* a. Types and dates of construction.
  - \*b. Length of time between keel laying and launching.
  - \*C. How many months a year is ship construction restricted by climatic conditions?
- # 12. What ships has the yard repaired (1935-present)?
  - \* a. Types and dates of repair.
  - \* b. Extent of repairs.
  - #c. How many months a year is ship repair restricted by climatic conditions?
- 13. What other products (includin; ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. That percentage of the yards facilities are involved in the production of these other items?
  - 15. Yow many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day.
    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
  - 16. That is the estimated maximum number of employees per shift based on
- a minimum of 200 square feat of building area per employee?

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in SDT)?

Current Lane:	E.		Altornate lamos:	∩ <b>3</b>	N.,		7		
Coordinates :	Lott metolis.	31017'H(estimated)							
	Total Area of Juildings	number, Type and Size of	immbor and	Number and	feneral in-	Type of past	l'ep <b>ort</b> ed	nam nuber	sticated Haxioum Production
(3q, ft,)	(39. 17.)	mildin ay	docks: A = 11cm dng D = Graving	vays	to critciency of yard and adequacy of tools	Year Construction Repair		imloyes	iaval Dr
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					eming and Priviled Lie			Bayero - An "Spready distress	Manager adulting to have about
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H. SE

Subject

SHIPYARDS

Country

USSR CHERNORAMENYE

City

Current Name

R.A.

Alternate Name:

W.A.

Location

10-15 MM. east of Gorkiyon the east benk of the

Remarks

There is only one report on this yard. This report (fate of information-1942) states that the yard places of the fellowing installations pattern section, foundry, forge, boiler plant, machine shop, assembly shop, ship construction section, paint shop, and an unchorage for 30 ships. Electric power was supplied by the Balakhna power plant.

17

### Approved Release 1999/09/08 . CIA-RDR79S01046A000200060002-2

Subject

STIPYANDS

Country

HSSR

City

: CHERNORAMENTE

Current Mame:

MYS IN INTULLIA MOE:

The followin; cuestions were used as a research

guide in the preparation of this report. Up to date information in all cat-

jects except those marked with an asterisk 🍅 .

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  - e. Dimensions
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  - c. Type
  - d. Capacity
  - e. Dimensions

- W
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  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of time between keel layin; and launching.
    - construction restricted by climatic conditions?
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    - e. Is there a stasonal fluctuation in employment?
  - 16. What is the estimated maximum number of employees par shift based on
- a minimum of 200 square feat of building area per employee?

Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in SDT)?

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			<b>5</b>	Total Area of Suildings (sq. ft.)
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			# P	<pre>iumbor and Size of Try= docks: A * ilon Sing D * Graving</pre>
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•			* -	figural immargesion as recision as to officioncy of yard and adequacy of tools
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				Leported Number mplowes
				25t, maxi- mum number uployes
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Approved For Relea	se 1999/09/08	2 <u>1</u> CIA-RDP79S01046	A0002000	od laxinum Tearly Production 9 Iterchant@AT
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Subject

\* CINCIDS

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11.S.E

City: CHKALOVSK

### Approved (a) Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

SHIPYARDS Subject USSR CHRALOVSK Country City

Ship Repair Yard imeni Ulyanov Current Name

Alternate Name:

Coordinates of Chkalovsk:-56°45'N, 43°16'E Location

There is not such information on this yard. It appears to be mainly a yard which repairs and over-hauls river vessels during the winter when the mavigation season is over. Remarks

#### Approved Release 1999/09/08g GIA-RDPZ9S01046A000200060002-2

Subject

: SalbAveds

Country

: USSR

City

CHEALGYSK

Current Hame:

Ship Repair Yard inemi Tlyamev

The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular caps in intelligence exist on all sub-

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- 16. That is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

S-R-C-R-E-T

Approved Release 1999/09/08: CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in SDT)?

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	Yard Et.)	i	urbor, Typo nd Size of nildin Say	Annual Commence of the Commenc	Number and ize of Carino Cail-	Conoral in- nression as to efficiency of yard and adequacy of tools	Type of past Production, Year Construction Repair	Lisparted Eventor Inployes	lst. maxl- man number roloyos
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S-J-C-R-H-T

### Approved Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject Country

SHIPYARDS

USSR

City

Doschatinsk

Current Name

N.A.

Alternate Name:

N.A.

Location

Coordinates of Dosehatinsk:- 550221N, 420071E

Remarks

The only information on this yard is a single source dated 1931 which stated that the Doschatinsk shippard was under construction.

### Approved Release 1999/09/08 CIA-RDP79S01046A000200060002-2

Subject : STIPYANDS

Country : MSSR

City : DOSCHATINSK

Current Hame: "....

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- e. Dimensions

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    - e. Is there a seasonal flucuation in employment?
- 14. What is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

Approved For Release 1999/09/08 CIA-RDP 29S01046A000200060002-2

Sand-C-R-R-T

Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in RT)?

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							i Total Area of Juildings (sq.ft.)
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Coordinates : \$116°E4 \$5.01,95 (Oastween 30)

Indenore Salp Repair Shops Altornate Tamas

Subject

Current .ame:

### Approved F elease 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject SHIPYARDS Country USSR Dadenovo City

Current Name Dadenovo Ship Repair Shops

Alternate Name:

Location Coordinates of Dudenovo: - 56°10'%, 43°51'E

These shops apparently serve the Moscow-Oka Steam skip Line and are subordinate to the Ministry of of the Maritime and River Fleets. Remarks

THE REPORT OF THE PARTY.

## Approved F elease 1999/09/08 : CIA-BDP79501046A000200060002-2

Subject

: STIPYANDS

Country

: USSR

City

DUDENOVO

Current Mame:

Dedenovo Ship Repair Shore

MARS IN INTILLIANCE:

The following questions were used as a research

guide in the preparation of this report. Up to date information in all cates or ies is desired, however, particular caps in intelligence exist on all subjects except those marked with an asterisk (\*).

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S-E-C-R-E-

Approved For Felease 1999/09/08 : CIA-RDP79S01046A000200060002-2

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Convenit Name:    Authorized   Colority)   5000018,   100001   Area   Size of Orly   Size of Orl	3			Control y. Ower	11	ULEY: UUM	CH.KI	77.7		
Total Area of Number, Type   Rumber and   Sale of   Sa	Current Name		Nie I	Alternate Nam	es:	₽A				
Cotal Ace of Number and Size of Dry Size	Coordinates:	(of Gor'kly)	560201N。山山0001	4						
MA MA MA MA LOPES ANALOGUE AND AND MA	Total Yard Area (sw.ft.)	Total Area of buildings (sq.ft.)	Number, Type and Size of Building Vay	Number and Size of Dry- docks:	Number and Size of Marine Rail-	- 1		Reported Number	Est. maxi.	Estimated Maximum Froduction
MA MA 1949-servely 194/-depoted MA MA Corticology of Corticology o		, , , , , , , , , , , , , , , , , , ,	Control (series	A - Floating B - Graving	ways	çy		Saployes	Employes	
	¥	22. >-	, A	× >	5	1949-severaly criticised for lack of equipment, poor organisa- tion and poor works Manahip	194/~iopaired ships, manu- factured fire pumps 1949-Repaired shipe 1951-Repaired shipe	¥	<b>F</b>	re-ali
					N	Selled and a selection of the selection	,	Control of the Contro		

Subject: SHIATA WS

Country: USER

## Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject:

SHILL IANDS

Country:

City

Gor'kly

Current Name: Ship Repair Tard im. Butyakov

Alternate Name:

Location:

Reportedly located on Karl Harx Greek in or near the city of

Remarks: One report on this yard states that most of the repair work is done during the winter when the Volga is frozen.

It is mainly engaged in overhauling and modernizing the vescels of the Upper-Volga Steamship Line.

In 1946 a two-ton steam harmer was scheduled for installation.

SampanCantantant

Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject

: SHIPYARDS

Country

USSR

City

\*

Current Name:

Side Reselv York in, helyther

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

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    - c. Type
    - d. Capacity
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    - b. Extent of repairs.
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- The That percentage of the yeros institutes are involved in the production of these other items?
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    - e. Is there are usomal fluoration in amployment?
- 16. That is the estimated maximum number of employees bur shift based on a minimum of 200 square feet of builting orea bur employee?

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17. If all of the yard's present facilities were devoted to a specific on a one shift, six day, 16 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in CDT) or merc ant vessels (measured in CDT)?

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* found area of plant, both shippaulding section and the mandians of the yard devoted to locomotive discal cuging production.	# (total roaf cover)	(ca.ft.) (santituse (ca.ft.)
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	disposions unknown	Number and Size of Lay- docks: 1 - Floating 3 - lasving
	1 diamentons unkaosa	Number and Size of Ways
	Rangi Lingui,	Jenoral in- pression as to efficiency of yard and adequacy of tools
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	1958-	Section 100 to the section of the se
	11,140 (hassed on total woof than antire plant)	THE TRANSFER
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Coreina cos: 5607172971,11952718\*8

Subject:

SHITE TAILUS

Country:

City.

Ger Hiv

Current Hame: Brackeye Sormevo Shippard Fo. 112

Alternate Name: Erasnere Sermove Shipperd No. 112 in. Zhdanov

Location: The yard is located in the suburb of Sormove on the south bank of the Volga River approx. 3.4 nautical miles from the confluence of the Velga and Oka Rivers.

The Krasnoye Sermove Shippard is an extremely important shipbuilding installation. The shippard is a part of an even larger complex - the Gor'kly Heavy Equipment Plant "Krasnoye Sormove No. 112. At the beginning of 1953, the shippard was subordinate to the Central Directorate of Piver Shipbuilding of the Ministry of Transport Machine Building. The locemotive construction and diesel engine sections of the remainder of the complex were subordinate to other central directorates of the same

ministry.
While administratively separate from the rest of this industrial complex, the shipperd is apparently dependent upon the entire complex for many of its compenents and materials.

The shipperd engages in both merchant and naval construction. It is probably the largest producer of river vessels on the Volga Miver, producing dry cargo vessels, tankers, icobreakers, dredges, tags, tank and dry cargo barges, etc. Before and during the war the shipperd constructed submarines. The production of ocean going submarines has also been reported in recent years.

There are reports that indicate that the yard facilities

have been expanded since World War II.

Approved for Release 1999/09/08 : QIA-RDR79S01046A000200060002-2

Subject

: SHIPYARDS

Country

USSR

City

, GOT'TIE

Current Name: Trasnoya Sermove Shiryard No. 112

GAFS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk \*).

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- a minimum of 200 square fertice builting many are some set

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17. If all of the yard's present facilities were devoted to salphalling on a one shift, six day, 46 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval wessels (measured in 197) or more ant vessels (measured in 187)?

Coordinates: (of Gorkdy) 56°20'N, 41°00'B Current Name: Salt SILDING and Sale Ristalk Subject: SHIPYANDS otal Yard (sw.ft. E Total Area of F buildings Number, Type and Size of Building Vay E (Possibly th doctor for end B - Graving docks: Size of Dry-Number and Alternate Names: eighing not Country: USER - Floating ways Size of Marine Rail-Number and Ë CHAIL STATE ACLOTON to efficiency of yard and adequacy of pression as for inferrior l953-Griticis factory and Cutters. 1943-Hailt Construction Repair Year BOTHS Production. Type of past

floating stations 1953-built

ships, built

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Merchant GKT

Estimated Maximum Yearly
Froduction

Number Reported

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or arranged ALTERNATION AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF T

## Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject:

SHIPYARDS

Country:

USSR

City

Gorkiy

Current Name: Shipbuilding and Ship Repair Yard im, Molotov

Alternate Name: Helotov Shipyard

Location:

located in Bor, north of Corkiy. May be in the same location or vicinity of the Teplokhod Shipyard,

Remarks:

This yard, subordinate to GLAVAECHFROM of the Ministry of the River Fleet, is reported to be one of the largest installations under

that ministry's control.

As of the early part of 1953 the following shops had been identified in the Soviet press: technical division, woodworking combine, joiner shop, machine shop, boiler shop, repair shop, hall-welding shop, foundry, erecting shop, forge, planning production department.

Some doubt exists as to the differentiation between this yard and the Teplokhod Shipyard. It is possible that the Molotov yard is identical or adjacent to the latter. However, until additional information is received, these yards will be listed as separate establishments.

S-E-C-R-D-T

Subject

: SUIPYARDS

Country

tissa:

Contil

City

Melotev Shipyard

Current Hare:

The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (\*).

- \* 1. That is the current name of this yard?
  - 2. By what other names is the yard known?
  - 3. That is the exact location of this yard?
    - a. Coordinates
    - b. Azimuth and distance from some prominent landmark.
  - h. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
  - 7. That building ways exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions
- \* 8. That drydock facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions

- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - \* a. Types and dates of construction.
      - b. Length of time between keel laying and launching.
      - c. How many months a year is ship construction restricted by climatic conditions?
  - 12. What ships has the yard repaired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - c. How many months a year is ship repair restricted by climatic conditions?
- 13. That other products (including ship components) are manufactured or assembled at this yard, and in what quantities?
- 14. What percentage of the yards facilities are involved in the production of these other items?
  - 15. Yow many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day.
    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
- 14. That is the estimated maximum number of employees per shift based on
- a minimum of 200 square feat of building larges per employee?

S-R-C-R-E-1

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in SDT)?

Subject: SHIFYA DS

Current Name: Ship Repair Shops in. Kalinin Alternate Names:

Coordinates: (of Cor'kly) 56020'N, ht co'E

Kalinin Ship Repair Shops

S-1-C-1-1-T GOR\*KIX

	-
	Total Yard Area (sw.ft.)
<b>F</b>	Total Area of buildings (sq.ft.)
	Number, Type and Size of Building Kay
	Number and Size of Dry- docks: A - Floating B - Graving
	Number and Size of Marine Rail- ways
to the second	l im- on as iciency d and cy of
	Type of past Production. Year Construction hepair
	Reported Number Employes
•	Est. maxi. mum number Employes
	Estimated Maximum Froduction Naval SUT Merch
5 <u>1</u> Approved For Release 1999/09/08 : CIA-RDP79S01046A00020006000	اب ( is

Approved ( Release 1999/09/08 : CIA-RDP79S01046A000200060002-2)

Subject:

September 1

SHILLYANDS

Country:

USSR

City :

Ger'kly

Current Name: Ship Repair Shops im Kalinin

Alternate Name Kalinin Ship Repair Shops

Location:

In the vicinity of Gor'kly. The exact location is unknown.

Remarks:

This yard is reported as subordinate to the Volga-Tanker S.S. Line

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Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

: SHIPYARDS

Country

C1ty

Current Name: Ship Repair Shope is. Kalinin

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

- \* 1. What is the current name of this yard?
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  - 3. What is the exact location of this yard?
    - a. Coordinates
    - b. Azimuth and distance from some prominent landmark.
  - 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
  - 7. What building ways exist at this yard?
    - Number
    - Location

    - Capacity
    - e. Dimensions
  - 8. What drydock facilities exist at this yard?
    - Number
    - Location
    - Type
    - d. Capacity
    - e. Dimensions

- 9. That marine railway facilities exist at this yord?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - . a. Types and dates of construction.
      - b. Length of time between keel layin; and launching.
      - c. How many months a year is ship construction restricted by climatic conditions?
  - 12. That ships has the yard relaired (1935-precent)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - c. Now many months a wear is sup repair restricted by climatic conditions?
- 13. That other products (including this components) are canufactured or assembled at this yord, and in that cuantities?
- The That percentage of the yards facilities are involved in to production of these other items?
  - 15. You many employees does the yord have?
    - a. Tumber our smift.
    - b. Tumber of chifts per day.
    - c. Length of eac. shift.
    - d. Number of days worked now wook.
    - e. Is there as asomal fluctuation in employment?
- a minimum of 200 square for the dispublishing area per employees.

17. If all of the yard's present facilities were devoted to shipbuilling on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in SDT)?

	Total Yard Area (sw.ft.)
(Production) 128,200	Total Area of buildings (sq.ft.)
•	Number, Type and Size of Building Kay
% % % % % % % % % % % % % % % % % % %	Number and Size of Dry- docks: A - Floating B - Graving
	Number and Size of Marine Rail- ways
1946-riticised 19 for poor will-bary isation of 1947 equipment 1949-Criticised 195 for failure to introduce improvement	General impression as to efficiency of yard and adequacy of tools
Total Total State of	Type of past Production. Year Construction Lepair
1945- () Labor for supplies to the supplies t	Reported Number Imployes
	Est. maxi. mum number Employes
***	Estimated Maxim Froduction Naval SDT Me
56 Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060000	2 1 21
	-

Subject: SHIPYA NOS

Coordinates: 55°20"44"N. 41°01'20'E

Country: USER

Current Name, Ship Repair Yard im. Karl Mark Alternate Names: Karl Mark Shipyard, Shi Repair Shops im. Karl Mark

Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject:

SHIPYARDS

Country:

USSR

City:

Current Name: Ship Repair Yard in, Karl Marx

Alternate Name: Ship Repair Shops in, Karl Herr

Location:

In the area of the Son Post Facilities, Seardinates 56020 Lury, bhool 20 E.

Remarks:

Remarks: This yerd is subordinate to the Yolga Gargo Steamship Line of the Himistry of the River Fleet. In the period 1910-1951 the yerd, according to the Seviet press, possessed at least the following installations: machine shop, beiler shop, and two floating docks. The appears to be, on the basis of available material, an important wiver repair yerd.

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Subject

: SHIPYARDS

Country

City

, der'kly

Current Name: Ship Repair Tard in. Karl Harx

The following questions were used as a research GAPS IN INTELLIGENCE: guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk ( ).

- \*1. What is the current name of this yard?
- \*2. By what other names is the yard known?
- ★3. What is the exact location of this yard?
  - 💥 a. Coordinates
  - 🌞 b. Azimuth and distance from some prominent landmark.
- 🜺4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - What are the dimensions and functions of each building?
- ♣7. What building ways exist at this yard?
  - 🗰 a. Number
  - Location
  - Type
  - Capacity
  - e. Dimensions
  - 8. What drydock facilities exist at this yard?
    - Number
    - Location
      - Type
    - d. Capacity
    - Dimensions

Can au Jun au wulf

븆 9. That marine railway facilities exist at this yord:

- Aa. Number
- ₩b. Location
- 🏞c. Type
- 🚧 d. Caracity
- 🛶 e. Dimensions
- 10. That information pertaining to the efficiency of the yard sai the adequacy of tools can be given?
  - 11. That is the Yard's salp construction history (1935-present):
    - a. Types and dates of construction.
    - b. Longth of time between keel layin; and launching.
    - c. Now many commiss a year in ship construction recorded by climatic conditions?
  - 12. That ships has the vara remained (1935-present):
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - Co flow rany roughs a mar in sub-repair restricted ty climatic conditions:
- 13. That other products (including white components) are canadactured or assembled at this year and an chat complishes?
- The That percentage of the gards Tabilities are involved in to production of those other items?
  - 15. "On many employees door for your autof
    - a. Tumber our mift.
    - be Tumber of a little or day.
    - Co Length of Bar. West.
    - d. Tumber of days seeked per sack.
    - c. Is there are toomal fluctuation in endown not
  - 16. That is the estimated caminum number of employees b r shift beach on
- a minimum of 200 square fe t of good tin para or orologee?

17. If all of the yard's present facilities were devoted to compositing on a one shift, six day, h8 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in SDT)?

SPANNIS ASSAURANT SPANNIS STANSSAURANT SPANNIS		• • • • • • • • • • • • • • • • • • •	
Parent real organization and the second		Area (sw.ft.)	Subject: SHI Current Name: Coordinates:
		Euildings (sq.ft.)	
	*	Number, Type and Size of Building Way	Oor 1st
	<b>*</b>	Number and Size of Dry- docks: A - Floating B - Graving	Country: Alternate
		Number and Size of Marine Rail- ways	1 1
Serve Certicalian II	<b>,</b>	General impression as to efficiency of yard and adequacy of tools	in, faxin Cor
		Type of past Production. Year Construction hepair	Shippard in. Hamin Cor'kiy, Cor'kiy Shippard
		Reported Number imployes	yard
	*	Est. maxi. mum number Employes	
	<b>F</b>	Estimated Prod Naval SDT	
	Approved For Release 1999/09/08 : CIA-RDP79S01046A00020006000	Estimated Maximum Yearly Production  aval SUT Merchant ORT	##

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Subject: Country: SHIPYARDS

USSR

City

Current Name: Shipperd in. Corkly

Alternate Name: Shippard in Maxim Corthiy

Location:

Remarks: There is no post-war information on this yard. According to the "List of Industrial Enterprises in the Industrial Atlas at the Beginning of the End Five-Year Plan", the Shipyard in. Cor'hiy is leested at the Sele Hikailovskoye, somewhere on the left bank of the Velga between Cor'kiy and the Vetluga estuary. Remarks:

Approved Fo Pelease 1999/09/08: CLA-RDP79501046A000200060002-2

Subject

: SHIPYARDS

Country

USSR

City

: Cap lake

Current Name: Shipperd in. Corthiy

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

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  - 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
  - a. Number
  - Location
  - Type
  - d. Capacity
  - e. Dimensions
- 8. What drydock facilities exist at this yard?
  - Number
  - Location
  - Type
  - Capacity
  - e. Dimensions

- 9. That marine railway facilities exist at this y ref
  - a. Number
  - be Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information pertaining to the officiency of the yord and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Longth of time between keel layin; and launching.
    - c. Now many months a year is this construction restricted by climatic conditions?
  - 12. That ships has the part remained (193) present)?
    - a. Types and dates of repair.
    - b. Extent of remire.
    - c. For many contact a wear is ship recair restricted by climatic conditions?
- 13. That other products (includin this compenents) are candiactured or assembled at this yord, and in that countilled?
- The that percentage of the years small it is an involved in the ereduction of these other items?
  - 15. You many employmes does the gard ease?
    - a. "umber ser smilt.
    - b. Tumber of shalls or day.
    - c. Length of are willt.
    - d. Turber of days turked bur to ka
    - e. is there are notical Discustion in moleculary
- 16. That is the estimated regimen number of employees mar shift massd on a minimum of 200 square fe to build 64 or 4 or employee?

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17. If all of the yard's present facilities were devoted to inhibiting on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SOT) or merc ant vessels (measured in SOT)?

Subject:

SHILYLLOS

Country:

JEER

Merchant dill

Yearly

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Approved Release 1999/09/08: CIA-RDP79S01946A000200060002-2

Subject:

SHIPYARDS

Country:

USSR

City :

Current Name: Shippard in. 25th of October

, in the second section of the Second section (second section)

Alternate Name: 15th of October Shippard

Location:

In Molitarks on the left bank of the Oka River him metrean from its month at the Volga. Coordinates: 56016'56"H, 13057:25"E

Remarks:

This part, subordinate to the Ministry of the River Fleet, is primarily a repair yard for tugs and other river or ft. In the period ishi-1951 it pessessed at least the following shops: machine shop, beller shop, corporter, foundry, and a electro-technical shop.

S-E-C-h-B-T

Approved For elease 1999/09/08 : CIA-RDP79501046A000200060002-2

Subject

: SHIPYARDS

Country

USSR

City

:Gorkiy

Current Name: Shippard im 25th of October.

GAFS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

- \* 1. What is the current name of this yard?
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  - \* a. Coordinates
  - \*b. Azimuth and distance from some prominent landmark.
- \* 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
- \* 7. What building ways exist at this yard?
  - \* a. Number
  - ¥ b. Location
  - **≭**c. Type
  - \* d. Capacity
  - \* e. Dimensions
- \* 8. What drydock facilities exist at this yard?
  - \* a. Number
  - \* b. Lecation
  - 🕊 c. Type
  - 🖊 d. Capacity
  - e. Dimensions

💃 🥍 That marine railway facilities exist at this yord?

- 👱 a. Number
- 🗱 b. Location
- 🗱 с. Туре
- 🙀 d。 Capacity
- 🗯 e. Dimensions
- 10. That information pertaining to the officiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Longth of time between keel layin; and launching.
    - c. Now many contins a year is ship construction restricted by climatic conditions?
  - 12. That ships has the yard relaired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - c. Now many months a year is skip repair restricted by climatic conditions?
- 13. That other products (including ship components) are panufactured or assembled at this yird, and in that quantities?
- The That percentage of the yards familities are involved in the production of these other items?
  - 15. You many employees does the gird seve?
    - as Tumber per saift.
    - b. Tumber of shifts per day.
    - c. Length of eac. shift.
    - d. Tumber of days torked per week.
    - e. Is there as about Checation in employment?
- $1^{4}$ . That is the estimated eaxinum number of employees per shift based on a minimum of 200 square fe t of building area per employee?

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17. If all of the yard's present facilities here devoted to shipbuilling on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SOT) or merc ant vessels (measured in SOT)?

Subject: SHIII A DS

Country: USER

	Area (sw.ft.)	Current Name Coordinates:
	<u> </u>	H 1 1 "
<u> </u>	<del></del>	(approx) 56°21°12°N, lotal Area of Number.
8	e of Kay	Type 1
<u> </u>	f Dry- f Dry- pating	Alternate Namos:
	of ne Rail-	1 1
	ion as ficiency rd and acy of	
aped steel stings for stings for maring ingo maring ingo produced ips accessor on titings will steem on the steem of the s		
(No. of hip) shifts winknown	Mumber m Saployes E	-
and volge in the tracking and water including	mum number Employes	
	Estimated Maximum Yearly Froduction Naval SUT Merchant M	
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Subject:

SHIPYARDS

Country:

USSR

City

Ger kly

Current Name: Teplokhod Shipyard

Alternate Name: X

Location:

In Bor, nother of Gor'kly. Approximate coordinates 5602112"H, hhooh 30"E.

This installation is subordinate to the GLAVRECHPROM of the Remarks: Ministry of the River Fleet.

This is a very important installation. Its main activity is the production of ships components, including ships boilers and engines. During the war it was reported to have engaged in ship repair and ship senstruction. There is no post war information on such activity, however.

The annual steel making capacity of the plant has been set at approximately 5000 tons per year and its own consumption of steel at the same amount. During the war the plant also produced shells and amminition.

Sems doubt exists as to the differentiation between this yard and the Molotov Shipyard. It is possible that the Teplakhod Tard is identical er adjacent to the latter. However, until additional information is received, these yards will be listed as separate establishments.

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Subject

SHIFYARDS

Country

City

Current Name: Selekted Shipperd

GAPS IN INTELLIGENCE:

The following questions were used as a research

guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

- #1. What is the current name of this yard?
  - 2. By what other names is the yard known?
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  - 👱 a. Coordinates
  - \*b. Azimuth and distance from some prominent landmark.
- # 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
- \*7. What building ways exist at this yard?
  - \* a. Number
  - Lecation

  - Capacity
  - \* e. Dimensions
- \*8. What drydock facilities exist at this yard?
  - Number
  - Location
  - Type
  - Capacity
  - \* e. Dimensions

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💃 9. That marine railway (acilities exist at tals y rai

- \* a. Number
- \* be Location
- 🚜 с. Туре
- 🗱 d. Capacity
- 🗰 e. Dimensions
- 10. That information pertoining to the efficiency of the york and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1936-present)?
    - a. Types and dates of construction.
    - b. Longth of tire between keel layin and louncating.
    - c. Now many conths a year in this construction restricted by climatic conditions?
  - 12. That ships has the most to aired (1930-propent)?
    - a. Types and dates of repair.
    - b. Extent of remains.
    - c. for many nonths a mar is s is remain restricted by climatic conditions?
- 13. That other products finding white compenents) are canadactured or assembled at this yord, as in that countilies?
- The that percentage of the yards fassisting are involved in the production of these other items?
  - 15. Tor many employment does the gord have?
    - a. Turber der smift.
    - b. Tumber of smilts or day.
    - Co Length of our specit.
    - d. Sumber of lags sursel nor work.
    - e. Is there are openal (lucuation in municipant)
- 16. That is the estimated parament number of employees bur shift based on a minimum of 200 square fe type obtains area our employee?

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17. If all of the yard's present facilities were devoted to snipbuilling on a one shift, six day, 18 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SOT) or merc ant vessels (measured in SOT)?

* ·	(30° Et»)
	(21 °52) Sulling Sulling or
(1943) (1943) (1943)	AB MILTON TO SALE TO SALE TO SALE TO SALE
	Suffrang - 1 Suffrang - 1 Suffrang - 1 Suffa - 2 Suffa -
	introgrand
	steeds of the state of the stat
Locatructed Last berges of 1500 ton capacity matal barges of 350 tons capacity early bassemper landing stations, lighters and other non self-propelled river craft. Also engaged in ship repair.	100 cm 10
\$ E E	Co.co.co.co.co.co.co.co.co.co.co.co.co.co
	Tologos Tologos Tologos
	Taval Of
76 Approved For Release 1999/09/08 : CIA-RDP79S01046A000200	060002-2

Coordinates (of Gerodets) 56039 N.4302812

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thoracto Temas:

### Approved F elease 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

SHIPYARDS

Country

USSR Gerodets

City

Current Name

Gorodats Shipyard

Alternate Name:

Location

At the Gorodets landing on the Volga River. Coordinates of Gorodets:-56039'N - 43028'E

Remarks

On the basis of available information, this yard

sam be considered an important producer of non-selfpropelled river craft.

The amount of time necessary to build a barge was redused from 100 days (in 1947) to 42 days in 1949.

assembly line methods for berge construction were adopted in 1948.

It was reported that in 1947 more than 20 men hours were required per ton of barge constructed and that this figure was reduced to 11 hours in 1949. Approved Folipelease 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

: STIPYATDS

Country

City

Current Hame: Geredeta Shipperd

MADS IN INTUININGE:

The following questions were used as a research

guide in the preparation of this report. Wo to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk

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  - 7. That building ways exist at this yard?
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    - b. Location
    - c. Type
    - . d. Capacity
    - e. Dimensions
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  - c. Type
  - d. Capacity
  - e. Dimensions

- 9. That marine railway facilities exist at this yord?
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    - c. Length of eac: shift.
    - d. Number of days worked per week.
    - e. Is there as asonal fluctuation in employment?
- 14. That is the estimated maximum number of employees per shift based on
- a minimum of 200 square fe t of building area per employee?

Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to snipbuilding on a one shift, six day, he hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval wessels (measured in SDT) or merc ant wessels (measured in ET)?

pile driver.

1952-Built all-metal self-propelled burges of 1600 ten cargo carrying capacity.

gasoline driven barges

and steam tues (2 per month);

946-Constructed

crash boats

per acenth) jearges

with cargo carrying capacity of 1000-

tanker barges wheel townboats stoam padelle-

Approved For Release 1999/09/08 801A-RDP79S01046A000200060002-2

939-Euilt oll

and 300 hp ates dry cargo barrying 8000 tane;5000

Jug bosta.

2-Construct

collers, steam tugs and

midstern.

Approved FireRelease 1999/09/08 : CIA-RDP79S01046A00020000	60002-2 🔰
	Area (sq. ft.)

Coordinates : (of Gorokhomata) 5691211, 1291018	Current lame: Krasny Kotalshchik Shippard Altornate Lamos:	Subject : SINA DS
5691291,1291	ik Shippand	
0°8	Alternate I	Country
	emos :	* d & & & & & & & & & & & & & & & & & &

otal Yard

Total Area of Mildings (sq. ft.)

liumber, Type and Size of Buildin: Say

tize of Ty. docks:

ize of larine Bail-Number and

to clicioncy or yard and adequacy of

Construction

Cepair

Year

Production.

Tedm: II Coported nolo es

num number Jst, maxinployes

sticated laxioum Yearly

Production

Eaval

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General im-

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A - lon ling

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SToc

H.A.

-

H.A.

Z.

pre1933-Built

1935-1500 in one still 1912-2000 in 3 shift

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builers.

3) -Communica

steam-iriven careo careo

bughos to and

City: \_ gonomicvt

### S-Z-C-R-E-T

### Approved (Co) Release 1999/09/08: CIA-RDP79S01046A000200060002-1

Subject

SHIPYARDS

Country

USSR

City

GOROST-OVETS

Current Name

Threspy Kotelshchik Shippard

Alternate Name:

N.A.

Location

Coordinates of Gorokhovets:-56012'E, 42040'E. The Yard is

Remarks

reported to be located in the southern part of the city on the bank of the Klyaras River.

This yard is fairly old, having been founded in 1962.

It appears to be an important producer of both self-propelled and non self-propelled berges and of river tugs.

## Approved Feelease 1999/09/08: CIA-RDP79\$01046A000200060002-2

Subject

: SUIPYARDS

Country

: USSR

City

GOROKHOVETS

Current Mame:

Krasny Hotelshchik Shiryerd

MARS IN INTUILIBRACE:

The following questions were used as a research

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    - c. Type
    - d. Capacity
    - e. Dimensions
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    - d. Capacity
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      - c. How many months a year is ship construction restricted by climatic conditions?
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    - b. Number of shifts per day.
    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
- 14. That is the estimated maximum number of employees per shift based on a minimum of 200 square fest of building area per employee?

Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Approved F Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in ORT)?

	anna franconaracióamenaran en cuenos sesentista fra	e O	Q	· က
<b>F</b>	Area (sq. ft.)	oordina tos	urrent lan	Subject
6,890 al. L.	ioun irea on inildings (sq. ft.)	Coordinates :(Approximate coordinates of reported location)56°51*14", 35°53*30"E	Current lane: Kalinin Ship Repair Shope	SC TELLS
1-(very perimentine) (1968-1969)	and Size of Emildin May	cordinates of	Repair Shops	
	inmoor and fine of lay- docks: A ~ licating D = throwing	reported locati	Altomate Kames:	Comtzy
	Number and Size of Narino Rail- ways	*. ††  t5 <sub>0</sub> 95(w		· 전 62 전 62 오늘
	Renoral in- ression as to efficiency of yard and adequacy of tools	35°53*30°E	MA	C:
1948-1949- Made minor report to various 1951-Built pessenger lam 1953-Schechiled to build six K-80 (hp) (80 hp)	Production, Year Construction Nepair		Charles and the constraint of many states of the Charles of the Ch	City: M.L.THIN
80 5	Reported Runber			Prince of the Control
The state of the s	5 E &			

Haval SDT

Approved For Release 1999/09/08 : CIA RDP79S01046A00020d060002-2

Approved Felease 1999/09/08: CIA-RDP79S01046A000200060002-2

Kelinin

Kalinin Ship Repair Shops

F,A,

Southwest of intersection of T'MAKA and VOLGA Rivers.
Approximate coordinates of reported location:-56051'44"N,35053'30"E.

These shops are subordinate to the Moscow-Volga Canal Steamship Line of the Ministry of the Maritime and River Floats. It appears to be an installation of only minor importance.

#### Approved | Release 1999/09/08 @ CIACROPF79S01046A000200060002-2

Subject

: STIPYATDS

Country

: BSSR

City

: KALININ

Current Name: Relinin Ship Repair Shops

MAS IN TAMALAMOS: The following nuestions were used as a research guide in the preparation of this report. Up to date information in all cate pories is desired, however, particular maps in intelligence exist on all subjects except those marked with an asterisk 🕍 ..

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    - b. Number of shifts per day.
    - c. Length of eac: shift.
    - d. Number of days worked per week.
    - e. Is there as asonal flucuation in employment?
- 16. That is the estimated maximum number of employees per shift based on a minimum of 200 square fe t of building area per employee?

Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-1

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in RT)?

	Total Yard Total Area of Area Buildings (sq.ft.) (sq.ft.)
	1 2 2 2 2
	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
· · · · ·	Number, Type and Size of Building Nay
• · · · ·	ilumbor and Size of Dry- docks:  / - Floating D - Graving
,	Number and Size of Tarine Tail- uays
	General in- pression as to efficiency of yard and adequacy of tools
1948-Pro duced electrically malded metal barges. 1952-Construct diesel tugs, melf-propelled barges cutters, barges cutters, barges dan't enther pelled by meropelled by meropelled by meropelled by meropelled by meropelled by metallor-draft status of the s	Type of past Production, Year Construction Repair
	Repo <b>rted</b> Nunber Employes
	Est. Faxi mun number Employes
	Estimated faximum Production Riaval SDT   Ferch
Approved For Release 1999/09/08 : CIA <b>GRO</b> PX9S01046A0002000	

Coordinates: (of Clay) Selevi-180101 Current Hane: Kashira Shippard

GUYTES \$300 fauc

Country: USSR

Alternate Heres: Kashira Shipbuilding Flant

S--3-C-R-3-T City: Kashira

## Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-

Subject:

SHILLIANDS

Country:

USSn

City :

Kashira

Current Name: Kashira Shipyard

Alternate Name: Kashira Shipbuilding Plant

Location: Meseow Chlast. Coordinates of city: 54049'N-38010'E

Remarks: In 1952 and 1953 this yard commenced production of shallow-draft cutters, propelled by water bet, designed by Mikhail Dmitriyerich Khrembikov.

This yard is reportedly capable of producing 12-15 of these cutters annually.

4.34

Sanalana.aT

Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

: SHIPYARDS

Country

USSR

City

Current Name: Reshire Shipperd

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk

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    - Number
    - Location

    - Capacity
    - e. Dimensions
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    - Number
    - Location
    - Type
    - d. Capacity
    - e. Dimensions

- 9. That marine railway facilities exist at this gord?
  - a. Mucber
  - b. Location
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  - d. Capacity
  - e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
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    - a. Types and dates of construction.
    - b. Length of time between keel laying and launching.
    - c. Now many conths a year is suip construction restricted by climatic conditions?
  - 12. That ships has the yard re aired (1935-propent)?
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    - b. Extent of repairs.
    - c. Now many contins a year is skip repair restricted by climatic conditions?
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  - 15. "or many employees does this you'd have?
    - a. Tumber mer smift.
    - b. "unber of sairts or day.
    - C. Length of ear shirt.
    - d. Number of Tays verked per week.
    - e. Is there as about flacuation in esolowent?
- 14. That is the estimated eximum number of employees per shift based on a minimum of 200 square fe t of building area ser employee?

Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002-

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	fotal Tard Area (sq. ft.)
	Total Area of Huildings (sq. ft.)
	Number, Type and Size of Buildin: May
	Number and Size of Try- docks: A - Floating D - Graving
	Munber and Size of Marino Rail- ways
다. 1년 1년 1년 1년	General immarcsion as to ellicionary of yard and adequacy of tools
1943-Pepaired sides for looks, spare part other material needs in side repair work. 1944-Repaired sides for Head repair caral. 1944-Repaired sides for Head repair caral. 1944-Repaired in side repair caral. 1955-Repaired in side repair	Type of bast Production, Year Construction Repair
	Neported Number mploves
	ist. maxi- mum nimber mployes
Long Branch	istinated Haximum Production Reduction Reduction
Approved For Release 1999/09/08 : CIA-RDP79S01046A000200	od Hardhum Tearly Production 7 Terchant3222

Current lame: "Mashmov Stip Repair Shope Coordinates : (af 5msimov)=51056sm; 11021eR

Altornate Names:

Country

Subject

HS.U

### Approved Far Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

SHIPYADDS

Country

USSR Resiney

City

Kasimov Ship Repair Shops

Current Name : Alternate Name:

W.A.

Location

Coordinates of Kasimov:- 54056'N,41024'E

Remarks

The Easimov Ship Repair Shops are subordinate to the Massew - Uka SS Line of the Ministry of the Maritime and River Fleets. Information available indicates that the installation is engaged solely in ship repair work.

.....

### Approved Fd Belease 1999/09/08 : GIA-RDR79S01046A000200060002-2

Subject

: STIPYATES

Country

: USSR

City

: KASIMOV

Current Mame: Kasimov Ship Repair Shops

MAPS I' I'T TAIT MOE:

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    - c. Type
    - d. Capacity
    - e. Dimonsions
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  - c. Type
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    - d. Number of days worked per week.
    - e. Is there a shasonal fluctation in employment?
- 14. That is the estimated maximum number of employees per shift based on a minimum of 200 square feet of building area per employee?

Approved Far Release 1999/09/08: CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in RT)?

fotal Yard Area	Total Area of Buildings	and Size of	Number and	Number and	cression as	Type of past Production.	Reported	mum number	istinated lik Produ	stimated Naximum Tearly Production
(sq. ft.)	(sq. ft.)	Duildin- V <b>ay</b>	docks: A = 71on ling D = Graving	Narino Rail- ways	to clicioncy of yard and adequacy of tools	Year Construction Repair	::::::::::::::::::::::::::::::::::::::	.moloyes	Naval ODF	Lerchant
	N. E.A.			l-disserions not assilable	-	1946-1947- Repaired Volga	1770 cm)	F	F	-
		о дал дагону о възгличен до ден должен ден ден ден ден ден ден ден ден ден д		#		to the use of gas for fuel; repaired ship engines.				96 : CIA-RDP79S010
					and the second seco		oper of the second seco			Area .
					-cortigues later planting in the control of the con		no 120 pro 1584 on Bristli Balac (1506 Markobo kolo)			
		nach nach gad Salah an Asia Sharan ad Salah an pu			an the second se		ember silvings. Mod silvings od od prillipsking out od dilipsking out		official State of Sta	
	nudio-Addreparteriorinan a Vestori	todon de nepativista (meno mena)	arn y galakennyakennyakennyaken jaku da	n de de la companya d	groupe des sons de désidentement grape	all the state of t	-ny vytrové - Problékoleku vzelky d 1914 jellova zaho			
Mark about the distribution of	TANK TERSON SALES	gag turo carretto ri Jun	Manage New York Conference (Conference Conference Confe	market value value versite	S	MAC TO A MACHINE MACHI	, , , , , , , , , , , , , , , , , , ,		-8 Source Vindo Anna Section 1	

Coordinates : (of Kinesium) 57°28 W. 112°07 %

Current lane **tinosima shi**n icr**ait Shopa** 

Subject

STITE DS

Altornate Kames: Country

usu :

City: KINESHM

Salla Callaga

# Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

SHIPYARDS

Country

UPSR

City

Kineshma

Current Hame

Kineshma Ship Repair Sheps

Alternate Name:

N.A.

Location

\*Goerdinates of KINESHMA:-57°28'N, 42°07'E. The yard is reported to be adjacent to an erm of the Velga and within 1000 meters of the Main River.

Remarks

This yard appears to be only a minor repair yard engaging in

winter repairs,

### Approved to Release 1999/09/08; GIA-RDP79S01046A000200060002-1

Subject

: SUIPYATES

Country

: BSSR

City

: KINESHMA

Current Hame: Minoshua Ship Repair Shops

MAPS IN TUTULISMOE:

The following questions were used as a research

guide in the preparation of this report. We to date information in all cate pories is desired, however, particular paps in intelligence exist on all subjects except those marked with an asterisk 😭 .

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    - d. Capacity
    - e. Dimensions
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    - a. Number
    - b. Location
    - Туре
    - Capacity
    - e. Dimensions

98

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  - a. Number
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Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

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TO SEE A SEPARATION OF SEPARAT			ioul irea of suildings (sq. ft.)
n Citizan na ang kalang 1880 an Salang na kalang n		F	nurber, 1yee and Size of Buildin May
nd Frankfordssendskrivenska opynomicska skyllendsky deskrypter skyllenska		F	Size of Try-docks:  A - Hooling  The Graving
			Number and Size of Carino Rail- Ways
	Personal graph consideration and the constraints of	F	nencral in- mression as to efficiency of yard and adequacy of tools
	and construction of passantar landing station 1958-Sedimento floating floating passenger landing stations 1953-Built 1953-Built Tionting passing stations opening stations opening stations	1943-Wailt a 1650 ton barge 1948-1950- Built floating passenger landing statio 1951-Engaged in skip repair	Type of bast Production, Tear Construction Repair
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		F	35t, maxd- mum number mployes
		F	Stinated Hardnum Production Riaval SDT Light
Approved	For Release 1999/09/08 : CIA-	DP79S01046A0002000	ed Hardhum Yearly Production  A Herchange

Subject Coordinases : checken, heela some Current lame paryat Kirova Shipyard Altorante Tamos: Contry

S-7-0-7-7-7

## Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-1

Subject

SHIPYARDS

Country

USSR

City

Kirev

Current Name

"Panyat Kirova" Shipyard

Alternate Name:

H.A.

Location

On the east edge of the city. Approximate coordinates:  $58^{\circ}36^{\circ}28^{\circ}N$ ,  $49^{\circ}41^{\circ}58^{\circ}E$ ,

Remarks

There is not much information on this yard. It appears, however, to be a shipbuilding and repair yard of moderate local importance,

## Approved Release 1999/09/08--GIA-RDP79S01046A000200060002-

Subject

: STIPYATDS

Country

: USSR

City

KIROV

Current Mame: Pasyat Kirova Shipyerd

MAPS IN INTUALISMEE: The followin; westions were used as a research guide in the preparation of this report. Up to date information in all cate pries is desired, however, particular caps in intelligence exist on all sub-

jects except those marked with an asterisk 📽) 🛭

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    - c. Type
    - d. Capacity
    - e. Dimonsions
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    - b. Location
    - Type
    - d. Capacity
    - e. Dimensions

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    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there as asonal flucuation in employment?
- 14. That is the estimated maximum number of employees per shift based on a minimum of 200 square fe t of building area per employee?

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Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or mercuant vessels (measured in SDT)?

F		1966 1966	1912-Constructed 1912-diseal cuttors, 2000 25-30 infrishing 1913-infrances, notor boats; also repaired ships.  1913-Constructed barres.  1913-Constructed towing launches.  1952-Constructed diseal cutters for towing launches.  1953-Constructed diseal cutters for towing launches.  1953-Constructed diseal cutters for towing mafts.  1953-Constructed cutters for towing mafts.  1953-Constructed cutters and main; mond gas for final.				<b>,</b>	S.F.	<b>38</b>	
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·Stins	JSt. Maxi-	Deported	Type of past	figural im-	Number and	immber and	lamber, Type	Total Area of	fotal Tard	
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#### Approved F elease 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

SHIPYARDS

Country

USSR

City

Sestrona

Current Name :

Kommonolskaya Pravda Shipyard

Alternate Name:

Mestrome Shipbuilding and Mechanical Works

Location

: 57047'15"N, 40°54'03"F, on the left bank of the Kostrona River, about 1.4 miles upstream from its junction with the Volga River.

Remarks

It was reported that in 1952 this yard contained the following installations: pattern section; foundry; forge; boiler plant; mashine shop; assembly shop; ship construction section; machine teel shop; carpenter shop; and paint shop.
This yard is subordinate to the Ministry of Timber and Baper

Industry.

# Approved For Release 1999/09/08 - GA-RDR 79S01046A000200060002-

Subject

: STIPYANDS

Country

: MSSR

City

: MOSTROMA

Current Hame: Konsenolekaya Fravda Shipyard

MPS IN INTULLIBRACE: The following ruestions were used as a research guide in the preparation of this report. Up to date information in all cate pries is desired, however, particular caps in intelligence exist on all subjects except those marked with an asterisk 💨 .

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    - a. Number
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    - d. Capacity
    - e. Dimensions
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    - d. Number of days vorked per week.
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- 14. That is the estimated maximum number of employees per shift based on a minimum of 200 square fest of building area per employee?

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Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002-1

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in SDT)?

Approve	l For Release 1999/09/08 : CIA TOP 79561946A000200060002-2	
Subject : CLIPYAIDS	Country : U.SR City: LISK	
Current Lame: Light Ship Repair Sheps	Altornate Harres: H.A	
Coordinates :		-

fotal Yard Area (sq. ft.)	Total Area of Buildings (sq. ft.)	Number, Type and Size of Duildin Way	llumber and lize of ry- docks:	Number and Size of Marine Rail-	General im- pression as to efficiency	Type of past Production, Year	Reported Rember	Est. maxi-	Sticated Prod	aximum Yearly uction
			A - Plonding D - Graving	ways	of yard and adequacy of tools	Construction Repair	1 1010 vGa	moloyes	Haval ODT	Herchant GRT
Mark.	Habe	3.4.	3.A.	H.A.	B.A.	H.A.	H.A.	H.A.	H.A.	14.
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#### S-R-C-R-R-R-T

#### Approved Fer Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject Country SHIPYARDS ussr **Lieki** 

City

Liski Ship Repair Shops Current Name :

N.A. Alternate Name:

Coordinates of Idaki:- 50059'N, 39030'E Location

These shops belong to the Velga-Don Steamship Line. Remarks

## 

Subject

: STIPYATDS

Country

: MSSR

City

: LISTI

Current Mame: Linki Ship Repair Shops

MAPS IN INTHIBUTE: The following cuestions were used as a research guide in the preparation of this report. We to date information in all cate parties is desired, however, particular caps in intelligence exist on all subjects except those marked with an asterisk (\*).

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17. If all of the yard's present facilities were devoted to slipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in IRT)?

	H.A.	(sq. ft.)	otal Yard
	**	(sq. ft.)	Total Area of
	-	and size of Building May	and Size of
·		onze of fra- docks: A = Flonbing D = Graving	Samber and
	**	Tarino Rail- Ways	Number and
	**	to efficiency of yard and adequacy of tools	General im-
	E.A.	Year Construction Repair	Type of past
	***	imployes	Reported
	1.	mum number imployes	3st. maxi-
•	M.A.	Proc Naval SDT	stimated I
Approved For Release 1999/09/08 : <b>ி.வி.வி</b> PDP79S01046A000	200	Production 2 1Gerchant 2000	stimated Maximum Yearly

Coordinates : (of Mokshan) 53°26'W, 44°37'E Current lame: Subject SC WATES lokshan Shipyard Country Alternate Names: USSR N.A. City: MOKSHAN

#### Sm\_~ComRan Mart Approved Far Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject Country

SHIPYANDS

City

USSR Mokshan

Current Name :

Mekshan Shipyard

Alternate Name:

N.A.

Location

Coordinates of Mokshan - 53°26'N, 44°37'E

Remarks

Information on this yard consists entirely of several articles in Seviet publications in 1945.

Approved F elease 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject

: SUIPYARDS

Country

: MSSR

City

: MIKSHAN

Current Hame: Makeban Subproved

MPS IN INTULLIBRACE:

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    - Туре
    - Capacity
    - e. Dimensions

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Approved F Release 1999/09/08: CIA-RDP79S01046A000200060002-2

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Coordinates: MA	-,								The state of the s
\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	uillings (sq.ft.)	Number, Type and Size of buildin; Lay	Number and Size of Dry- docks: A - Floating B - Graving	Number and Size of Marine Hail- ways	Jeneral impression as to efficiency of yard and adequacy of tools	Type of past Production. Year Construction Acpair	Reported Number Saployes	Est. maxi. mum number Employes	Estimated daximum Froduction Repolation derei
NA			MA.		Foor	1951-Mann- factured spare parts for fuel devices: converted gas driven tug fre te pusher	<b>S</b>		
					المسلم				

## Approved F Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject:

SHIPYARDS

USSR

Country:

Current Name:

Malebnikovo Ship Repairing Shops

Alternate Name: E.A.

Location: Remarks:

Reported to be approximately 20 kilometers north of Moscow on the Moscow Sea.

It is possible that this yard belongs to the Moskva-Volga Ganal Stemship Line.

S-L-C-R-D-T

Approved Release 1999/09/08: CIA-RDP79S01046A000200060002-

Subject

: SHIPYARDS

Country

City

: Mossow

Current Name: Khlebnikovo Ship Repair Yard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

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    - d. Number of days orked per work.
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  - 16 . That is the estimated maximum number of employees bor shift based on
- a minimum of 200 square fe t of building area per employee?

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17. If all of the yard's present facilities were devoted to snipbuilding on a one shift, six day, 18 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (reasured in SOT) or merc ant vessels (measured in SOT)?

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	lotal Area of Number, Type und Size of Size of Sullting Lay	Nacional Contract of the Contr	And the second s
	Number and Side of Jry- docks: i = Floating D = Snoving		is men oxundagy Volv skapsang
	.umber and Size of Marine Wail.		
	pression as to efficiency of yard and adequacy of		Catholic Cat
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8	restruces .	Promise (A. 40) Profes ( Ball (Manage)) - George	
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#### Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-

Subject:

SHIFYARDS

Country:

บรรณ

City :

Mosogy

Current Name: Boatward

Alternate Name: N.A.

Location:

Located approximately  $1\frac{1}{2}$  miles south southwest of the Moscow Central Airfield and approximately h miles west northwest of the Kremlin, on the morth bank of the Moscow Miver.

Remarks:

This is a miner yard in which small wooden boats are built. It has

h docks and lumber storage yard.

S-L-C-r-J-T

Approved For lease 1999/09/08: CIA-RDP79501046A000200060002-2

Subject

: SHIPYARDS

Country

City

Current Name: Moscow Boatyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

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    - Type
    - Capacity
    - e. Dimensions\_

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  - d. Capacity
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    - b. Longth of tire between keel layin and launching.
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  or assembled at this y rd, no. in that connticles?
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  - 15. Tow many employmes does the part model
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    - C. Length of apr 150.25t.
    - d. Number of days contrad one on ka
    - e. Is there are served Theoretica in molecularity
  - 16. That is the estimated regions number of employees nor shift based on
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Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject:

SHIPTARDS

JSEn

Country: City :

Manager

Current Name:

Moseow Ship Construction and Ship Repair Factory

Alternate Name:

Moscow Shipbuilding and Ship Repair Yard: Moscow Yard; Moscow Shipbuilding Yard

Location:

Legated on the right bank of the Moscow River just south or down river from the Moscow Fort Familities, South, and about 300 yards marth of Moscow Canal Lock 10.

Romarks:

this is one of the most prolific shippards in the Moscow area. In the post Morid Wer II years it has constructed a variety of vessel types. It is reported to have constructed experimental models of 158 and 100 MP pushing craft of a size no larger than a floating engine room to be attached to any non self-propelled vessel. Reports in 1950 indicate that work was poorly done. Reports in 1952 indicate that labor efficiency had increased.

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Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002

Subject

: SHIPYARDS

Country

USSR

City

Moscow

Current Name: Moscow Ship Construction and Ship Repair Factory

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    - Capacity
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    - d. Capacity
    - e. Dimensions

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#### Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002

- 98 that marine railway facilities exlet at main serve
  - a. Turber
  - b. Location
  - c. "Mixs
  - da Cambutty
  - e. Amensione
- 10. That in ormation pertracts the first streng of the gard all the adequacy of tools can be fixed.
  - 11. That is the jard's on to computation bilitary in dispresenting
    - 🌉 a. Trough the little of bounger was week
      - be tength of the between seed layer and remoderable
      - c. How remains mostly a year in disappenaturation recurreded to character row traces?
  - 12. That ships has the exercise direct (1 Megres or the
    - a. Twose sand diens to becally
    - to weest of realist
    - c. The range draws a rose to Dem promise mustricizately.
      Intlination to the Defense
- 13. The other proposed instable on the proposition and capacity of assembled at tide of the other transference.
- 11. That purcentary of A years on it is a simple for the error of those other literary.
  - 15. For many employeds and each or the second
    - Re WOOD NE CHIE
    - So import of a city a a agree
    - Rain Designation of the contract of the contra
    - A. Current of the course from the Ma
    - to Istore as sead in will also sederment?
- 16. That is the estimated regimum number of employees our shift besides a minimum of 200 square fe t of mullifer on a per employees.

## Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-

17. If all of the yorder present facilities were devoted to suppose line on a one shift, wix day, his your cook books, and the labor force cas increased to a maximum, that would be the estimate i regimen yearly production of navail vessels (measured in COT) or more ant vessels (measured in COT):

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		F	(sw.ft.)	Coordinates:
		<b>*</b>	_uildings (sq.ft.)	School Buyyard (at land School Bunber, 1
			and Size of Building Vay	Coordinates: 55 hauks 37 3120-8  Total Yard Total Area of Number, Type Number and Number and Jeneral im-
		<b>,</b>	Size of Dry- docks: A = Floating B = Oraving	Number and
		# 20	Size of Marine Rail-	Number and
و مسترسم المسترسم الم				Jeneral im-
		of river ingo (approximately 65 rt. in law impair of sees		Type of past
		, E &	Number Suployes	leported
	,		mum number Employes	ist marie
			Naval Sufficient Control Contr	
Approved For Release 1	1999/09/08 : @IA-RDP7	<b>F</b>	rcha	V

Subject:

SHIPYARDS

Country:

USSR

City

Current Name: Mosecu Shipyeri (at Luzhniki)

Alternate Name: Name:

Location: Located on the North bank of the Poscow Piver approximately 2 3/4 miles

Remarks: soutimest of the Kremlin.

The Port Facilities, "Lughmiki" is a proscent-shaped area 8800 feet long and varying in width from 60 to 400 feet. There are several small jetties, 13 piers, boat landings, tarchouses, and storage area. The shipbuilding and repair facilities in this area are located in the approximate center of the area at the feet of Lusbniki Ulitse. The yard has the sign "Foskevskaya Sudoveri's over the entrance gate,

S-E-C-R-E-T

#### Approved For Release 1999/09/08: CLA RRE79601046A000200060002-21

Subject

: SulpyAnds

Country

: USSR

City

Current Name: (at Lucimiki)

MAPS IN INTRILITANCE:

The following ouestions were used as a research

guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (\*).

- #1. That is the current name of this yard?
  - 2. By what other names is the yard known?
- 3. That is the exact location of this yard?
  - \*a. Coordinates
  - \* b. Azimuth and distance from some prominent landmark.
  - 4. That are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
  - 7. That building ways exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions
- 8. That drydock facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions

- 9. What marine railway facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. What information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of time between keel laying and launching.
    - c. How many months a year is ship construction restricted by climatic conditions?
  - 12. What ships has the yard remained (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - c. How many months a year is ship repair restricted by climatic conditions?
- 13. That other products (including ship components) are manufactured or assembled at this yard, and in that quantities?
- 14. That percentage of the yards facilities are involved in the production of these other items?
  - 15. Yow many employees does the yard have?
    - a. Number per shift.
    - b. Number of shifts per day.
    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
- 14. That is the estimated maximum number of employees per shift based on a minimum of 200 square fect of building area per employee?

See Tee Tee Tee Tee

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17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in RT)?

Size of Jays Size	Cerront Danes MONTHS SHIPYARD	CHAY THE NS	Alternste lases:	Ö.	F		an (ummondisheed) is notice	
Itea   Continuer   Type   Number and   Continuer   Type of part   Departed	Coordinates: 55°45'0	900 - 37°34,°008		and the second according to the second secon		te e equi companya de la companya d	RayBad Brigging: s generatur pela 44	Property would be a second party of
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(workshops)  WA MA Poor 19th Constitute MA (workshops)  WA MA Poor 19th Constitute And	or and the control of	1	docks: A = Floating B = Graving	Marine Mail-	СУ	To Real	ະກັ	Umployee
					Poor	1918:Construc- ted *111* passenger	<b>B</b>	92,5
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		<del>(8-18-5-1</del>					-Windows Walakida Was established and a second	
							and the second s	
	PPRINCES AND							

Approved Feelease 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject:

SHIPYANDS

Country: City

USSK

Current Name: Mogatinsk Shipyard

Alternate Name: N.A.

Location:

Located on the south bank of the Moscow River about 12 miles west of the Errelin, and about 3 3/4 miles west of the Eurek reilroad station.

Remarks:

Asserding to a report this yard is officially cited as a let class yard, yet it leaves much to be desired in the way of equipment and organisation.

S-M-C-M-M-T

Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject

: SHIPYARDS

Country

TISSR

City

. Hopeur

Current Name:

Bogotinek Shipyard

GAFS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*\*).

- **★1.** What is the current name of this yard?
  - 2. By what other names is the yard known?
- #3. What is the exact location of this yard?
  - \*a. Coordinates
  - . Azimuth and distance from some prominent landmerk.
  - 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
  - 7. What building ways exist at this yard?
    - a. Number
    - b. Lecation
    - c. Type
    - d. Capacity
    - e. Dimensions
  - 8. What drydock facilities exist at this yard?
    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions

See Jac Car Sun Just 1981

- 9. That marine railway facilities exist at this yord?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of tire between keel layin; and launching.
    - c. Now many months a year is smap construction restricted by climatic conditions?
  - 12. That ships has the yard re-dired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - c. For many months a year is suip repair restricted my climatic conditions:
- 13. That other products (includin -ship components) are capufactured or assembled at this yird, and in that quantities?
- Ib. That percentage of the yards familities are involved in the production of those other items?
  - 15. Mow many employees does the yorl nave?
    - . a. "umber der seift.
    - b. Turber of smallts or day.
    - Co Length of ear dulft.
    - d. Mumber of days corred per work.
    - e. Is there a wesseral fluctuation in an lawrent?
- 14. That is the estimated extinum number of employees per shift based on a minimum of 200 square fe t of building area per employee?

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17. If all of the yard's present facilities were devoted to dipbuilling on a one shift, six day, h8 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in SDT)?

	Approved For Release 1999/09/08 : CIA-RDP79S01046A0002000	060002-
		Total Yard Area (Sq.ft.)
		Total Area of Buildings (sq.ft.)
- 200 Statistics consum		Number, Type and Size of Building May
mo v po ser miregajo.	F	Tiumbor and Size of Dry- docks: A = Fleating B = Graving
to E	F	Number and Size of Farine Fail- ways
o-pro-		General in- pression as to efficiency of yard and adequacy of tools
North seals have beginn	1911-Froduced freight cars. 1913-Froduced freight cars. 1913-Froduced bridges, cutter tank lighters to be 1,000 tons. 12 and 3 tan trucks. 1916-Froduced barges. 1916-Construcel to 11 tanker barges with 5,000 ton carrying capac carrying capac carrying capac fries tank constructed a 6,000 ton carrying capac fries tank tank tank tank tank tank tank tank	Type of past Production: Year Construction Repair
notic objectiva		Reported Munber Employes
nno ota ka yikido		Est. laxi. mum number Employes
o studis para kalkangan japak na		Estimated Waxim Production Haval SDT Fee
	Approved For Release 1999/09/08 : CIA-RDP79S01046A000200	Estimated Waximum Yearly Production Production Officeropant GEN 000

Subject: SITYILS

Current Hare, Mordowshineld, Shipyard

Coordinates: (of inventor) 5 21-1212:

Country: USSE

Altornate Hancs:

hinski Ship and Bridge Construction Plant

### Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-

Subject:

SHIPIANDS

Country: City :

Mavashino

Current Name: Merdovshinski Shipyard

Alternate Name: Merdevshinski Ship and Bridge Construction Plant

Location: On the Oka River

Remarks: This yerd was founded in 1908 and was originally under the administration of the River Craft Construction Trust. It was reported that in 1948 rapid methods of shipbuilding were being applied resulting in a two to these feld acceleration of construction,

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Subject

: SHIPYARDS

Country

: IISSR

City

: NAVASHINO

Current Name: Mardovshinski Shipyard

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk (\*).

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- 2. By what other names is the yard known?
  - 3. What is the exact location of this yard?
    - a. Coordinates
    - b. Azimuth and distance from some prominent landmark.
  - 4. What are the limits of the yard area?
  - 5. What is the general plan and layout of the yard?
  - 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
  - a. Number
  - Location
  - Type
  - Capacity
  - e. Dimensions
- 8. What drydock facilities exist at this yard?
  - a. Number
  - Location
  - Type
  - d. Capacity
  - e. Dimensions

Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-

17. If all of the yard's present facilities were devoted to eniphuilling on a one shift, six day, 18 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in 507) or merc ant vessels (measured in 27)?

- 9. That marine railway facilities exist at this yord?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information pertainin; to the efficiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Longth of tim: between keel layin; and laurching.
    - c. How many months a year is ship construction restricted by climatic conditions?
  - 12. That ships has the yard relaired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - c. Now many months a year is sup recair restricted by climatic conditions?
- 13. That other products (includin ship components) are canufactured or assembled at this yord, and in that quantities?
- The That percentage of the yards facilities and involved in the production of these other items?
  - 15. You many employees does the gard have?
    - a. Tumber per milit.
    - b. Tamber of unifity or day.
    - c. Lengto of ear shift.
    - d. Tumber of days vorked per smak.
    - e. Is there as asonal fluctuation in employment?
  - 14. That is the estimated maximum number of employees pur shift based on
- a minimum of 200 square fe tof building area mor employee

Subject: Sillida JS

Country: JEER

S-1-C-1-D-T
City: PANYAT: PARYZHSKOX// KUSHUMAY

	Gurrent Name	Current Name: PAMINT: NAMINESMOT KOMMUNIC	REPAIR Y FRO 14.	Alternate Same	es; <b>Parizhskay</b>	Alternate Sames: PARIZHSKAYA KOMMUNA SHIFYAHD.	RARIZHSKAX// KUMMAX_	MET DOCK			
	Coordinates:	(of city) 560	(of city) 56006'H, 44031'B			٠		DATE		Addressed to the state of the s	
	Total Yard	Total Area of buildings	Number, Type and Size of	Number and Size of Dry-	Number and Size of	jeneral im- pression as	Type of past Production.	Reported Number	mum number	Estimated Maximum Froduction	aximum Yearly
	(Sw.ft.)	(sq.ft.)	Buildin, Vay	•	Marine Rail- ways	to efficiency of yard and adequacy of tools	Year Construction	inployes	Employes	Naval SDT	<b>전</b> ha
	5	F		*	E	1943-Complaints	191.2	1943-800	F	<b>F</b>	060002
	:	aggir kan muun handiba angr	ne verene en			in its repetr	up to 1500 hp; repaired ships s 1943-Built				0002000
	:	ay maanan ii jaan da sayaa	alaka da kara kara kara kara kara kara kar			for delay tug 1952-Oridicted pe for son falfillass		office of the second			1046A0
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Subject:

SHIPYANDS

Country:

City

Panyak Parishskoy Kamany

Current Name: Ship Repair Yard Panyat! Parishskoy Kommuny

Alternate Name: Parishskaya Kommuna, Zhukowskey Wet Dock

Location:

On the Volga River, 18 km, downstream (south) of Gor'kiy.

emarks: This yard has been called one of the largest ship repair ards on the Volga in the Seviet press. It is subordinate to the Volga args Passenger Steemship Line of the Ministry of the River Fleet, Remarks:

In 1950-1951 the yard pessessed at least the following shops: Mine, forge, trumer, beiler, foundry, coppermith, hull, paint, and

The yard engages mainly in ship repair and the manufacture of spare parts. The yard also engages in the construction of river craft.

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Approved F Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject

SHIPYARDS

Country

2 USSR

City

: Participation Security

Current Name:

Ship Repair Yard Perrat! Parishsher Semmer

GAPS IN INTELLIGENCE:

The following questions were used as a research

guide in the preparation of this report. Up to date information is all categories is desired, however, particular gaps in intelligence exist on

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all subjects except those marked with an esterisk ( ).

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- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 8. What drydock facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions

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- 9. That marine railway facilities exist at this gord?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information pertaining to the officiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Longth of time between keel layin; and launching.
    - c. Now many months a year is ship construction restricted by climatic conditions?
  - 12. That ships has the yard re aired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
      - c. Now many months a year is skip repair restricted by climatic conditions?
- 13. That other products (including skip components) are manufactured or assembled at this yird, and in that quantities?
- 14. That percentage of the yards facilities and involved in the production of these other items?
  - 15. You many employees does the yord have?
    - a. Number per shift.
    - b. Number of smifts our day.
    - c. Length of ear shift.
    - d. Number of days worked per week.
    - e. Is there as asonal flucuation in employment?
- 16. That is the estimated regions number of employees p.r. shift based on a minimum of 200 square fe t of building area for employee?

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17. If all of the yard's present facilities were devoted to watphuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in CDT) or more ant vessels (measured in CDT)?

Coordinates: (at Paulares) Spring 1 40 06 12

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an o Araba and an and an	######################################									(sq.ft.)
Photosis de desemble										(sq.ft.)
	T OF THE OWNER, AND ADDRESS OF	****								and Size of Building May
										Size of Dry- docks: A - Fleating B - Graving
ශ ද්ය ර්										Size of larine Tail- uays
S-E-C-R-E-T	PO-93-4-0-1-Q-MANA				Tref to the state of the state					pression as to efficiency of yard and adequacy of tools
obs r novedla file (1918) spellala cillione									1953 Constant	Production, Year Construction Repair
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										Production liaval SDT Fee
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# Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject Country: City: SHILLYANDS

PRYLOTER

Current Name: Favlovsk Ship Repair Shops

Alternate Name: 1.1.

Location:

Remarks: It was reported in 1952 that this installation was producing passenger launches for use on the Velga-Don Canal,

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Subject

: SHIPYARDS

Country

: USSR

City

: Pavlovsk

Current Name: Pavlovsk Ship Repair Shops

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk 🙀.

- \*1. What is the current name of this yard?
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  - Number
  - Location
  - Type
  - Capacity
  - e. Dimensions
- 8. What drydock facilities exist at this yard?
  - a. Number
  - b. Location

  - d. Capacity
  - Dimensions

- 9. That marine railway facilities exist at talk yard?
  - a. Number
  - b. Location
  - с. Туре
  - d. Capacity
  - e. Dimensions
- 10. That information portaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of time between keel layin and launchings
    - c. How many months a year is simp construction restricted by climatic conditions?
  - 12. That ships als the yard relaired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
    - c. For rany nonths a wear is sup remain restricted .y. climatic conditions?
- 13. That other products (including sale components) are canufactured or assembled at this yiel, and in that quantities?
- The That percentage of the yards facilities are involved in the production of these other items?
  - 15. You many employees does the yord have?
    - a. Tumber per amift.
    - b. Pumber of shifts or day.
    - co Length of eac shift.
    - d. Number of days sorked bor book.
      - e. Is there a s adonal fluctuation in analogment?
- . 16. That is the estimated maximum number of employees bur shift based on
- a minimum of 200 square fe t of building area per employee?

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17. If all of the yard's present facilities were devoted to a inhuilding on a one shift, six day, he hour cook basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in OT) or more ant vessels (measured in OT)?

Approved Release 1999/09/08 : CIA-RDP79	S01046A000200060002	
Approved Accesse 1999/09/00 . CIA-NOF 198		
		Total Yard Area (sw.ft.)
		Total Area of Duildings (sq.ft.)
		Number, Type and Size of Building Vay
		Number and Size of Dry- docks: A - Floating B - Graving
		Number and Size of Marine Rail- ways
	The state of the s	General im- pression as to efficiency of yard and adequacy of tools
	In tout bary	Type of past Production. Year Construction
		Reported Number imployes
		Est. maxi. mum number Employes
	The second secon	Estimated Frodu Naval SDT
151 Approved For Release 1999/09/08 : CIA-RDP79	S01046A000200060002	Estimated Maximum Yearly Froduction  aval SDT Merchant Unit

Current Name: SAZMEZE IN SHIETARD

Subject: SHICK WS

Coordinates: (Cf Rammesh'ye) 56°11'%, 45°41%

Country: JEER

Alternate Names:

### Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subjects Country:

SHIFTAIDS

JSSn

City :

Rammesh'ye

Corrent Name Reshreth'ye Shipyerd

Alternate Name: TA

Location:

MA

Remarks: There is no post World War II information on this yard. If still in operation, the yard is probably only a stnor producer of river barges.

It is subordinate to the Ministry of the River Fleet.

Same Conjugacy T

Approved Foliase 1999/09/08: CIA-RDP79501046A000200060002-2

Subject

: SHIPYARDS

Country

USSR

City

ور الأستسلام

Current Name:

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GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk

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  - 5. What is the general plan and layout of the yard?
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  - 7. What building ways exist at this yard?
    - a. Number
    - b. Location
    - e. Type
    - d. Capacity
    - e. Dimensions
- 8. What drydock facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions

- 9. That marine railway facilities exist at this yord?
  - a. Number

5

- b. Location
- c. Type
- d. Capacity
- e. Dimensions
- 10. That information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
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    - a. Number per smift.
    - b. Number of smilts pur day.
    - c. Length of each shift.
    - d. Number of days worked nor wook.
    - e. Is there a seasonal fluctuation in employment?
  - 14. That is the estimated paxinum number of employees per shift based on
- a minimum of 200 square fe t of building area por employee?

17. If all of the yard's present facilities were devoted to snipbuilding on a one shift, six day, he hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (reasured in SDT) or merc ant vessels (measured in SDT)?

Appro	oved For Release 1999/09/08 : (	S= (= )= (= )= (= )
Subject : SUIPYA DS	Country : USER	City: RYAZAN
Current Hame Ryazan Ship Repair Shops	Alternate Names:	N.A.
Coordinates : 54°38'11"N. 39°45'05"E		

Ar	Yard ca ft.)	Total Area of Buildings (sq. ft.)	Sumber, Type and Size of Buildin Way	Number and Size of Ory- docks:	Number and Size of Marine Rail-	General im- pression as to efficiency	Type of past Production. Year	Reported Rumber	Est. maxi- mum number	Stimated E Prod	aximum Yearly uction
				A - Floating B - Graving	ways	of yard and adequacy of tools	Construction Repair	imploves	mployes	Naval ODT	Herchant ORT
Appr 1,9	rominat. 100 <sub>0</sub> .000	ly Approximate: 9,000	y Saka		H.A.,	H.A.	1945-1948 Repaired ships constanced	1945-1948 about 200 (one shift	45(me Sethodology)	90 (see Metho	665 dology)
	,						barges 1950-Repaired dredges 1953-Constancts oil tenkor bar	part :			9
							repaired ships.				156
						#					
Parket State of the State of th	o construction of the cons	mention of the state of the sta				THE PARTY OF THE P					
Service and the service of the servi	MACHINE A CENTRAL SHEET OF THE STATE OF THE	AND THE PROPERTY OF THE PROPER	Approv	ed For Release 1	999/09/08 : CIA-H	DP79801046 <b>3</b> 00	200060002-2	ANTICAL PROPERTY AND ANTICAL P			

S-I-C-R-II-T

## Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-

SHIPYANDS Subject USSR Country Ryasas City

Ryasan Ship Repair Shops Current Name

Alternate Hame:

Location

Remarks

: 51° 36' 11"N, 39°45' 05'E, about 3/4 mile northeast of the town santer on the right bank of a small river about 1 1/4 miles from the junction with the OKA river.

This yard appears to be one of the usual small river shippards engaged almost exclusively barge construction and the repair of river vessels.

Approved F Release 1999/09/08 : CAR RDP 79901046A000200060002-2

Subject

SHIPYARDS

Country

11558

77.57.41

City

RI ASS

Current Hame:

Ryand Ship Reapir Shops

CAPS IN INTELLIGENCE:

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guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk .

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    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions
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    - a. Number
    - b. Location
    - c. Type
    - d. Capacity
    - e. Dimensions

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  - e. Dimensions
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    - b. Length of time between keel laying and launching.
    - c. How many months a year is ship construction restricted by climatic conditions?
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    - b. Number of shifts per day.
    - c. Length of each shift.
    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
  - 16. That is the estimated maximum number of employees per shift based on
- a minimum of 200 square feet of building area per employee? 159

S-E-C-R-E-

Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-1

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in SDT)?

	Approved 6	Release 1999/09/	00 . CIA-RDF / 9.	501046A0002000	080002-2
				•	(sq. ft.)
Sport and Control of the Control of			N.	<b>,</b>	lotal Area or mildings (sq. ft.)
Service of Communication and Communication (Communication)					and Size of Buildin May
					Size of Iny- docks: A - Flacting D - Graving
					Number and Size of Parinc Rail- ways
San Continue of the Continue o					nression as to efficiency of yard and adequacy of tools
				1916-1916s Froduced 30 Our Setal	Type of past Production, Year Construction Repair
				F	Reported Romber Employes
					lst. maxi- mum number imployes
					Stirated H Prod Naval SDT
	Approved For I	Release 1999/09/	′08 : <b>1</b> 0%41RD,P799	S01046A000200	Production Tearly Production  N  aval SDI Herchant GR

Coordinates : (of Seyma) 56014 19 18010 18

Subject

: SITPY: DS

Ourront lame:

Alternate Lames: Country

## Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002

SHIPYARDS Subject USSR

Country City Seyna

Current Name N.A.

Alternate Name: N.A.

Location N.A.

Remarks

There is only one report of a shiryard at Seyma.

This report described a small shipperd in this town which produced 200 GRT metal barges. This supposedly was an immeration since most of the barges using the river were of wooden construction.

Approved Release 1999/09/08: CIA-RDP 79501046A000200060002-2

Subject : STPYATES

Country : MASR

City : STYNA

Current Hame: T.A.

Wes In Impallance:

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guide in the preparation of this report. Up to date information in all cate profes is desired, however, particular taps in intelligence exist on all subjects except those marked with an asterisk ().

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  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
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  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions

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  - c. Type
  - d. Capacity
  - e. Dimensions
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    - b. Length of time between keel layin; and launching.
    - c. How many conths a year is ship construction restricted by climatic conditions?
  - 12. That ships has the yard remained (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
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- The That percentage of the yards facilities are involved in the production of these other items?
  - 15. Yow many employees does the gard have?
    - a. Number per shift.
    - b. Mumber of shifts or day.
    - c. Length of each shift.
    - d. Number of days vorked per week.
    - c. Is there a stasonal flucuation in employment?
- 16. that is the estimated maximum number of employees por shift based on a minimum of 200 square feet of building area per employee?

Approved For Release 1999/09/08 RDP79S01046A000200060002-2

Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-1

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, h8 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in SDT)?

	Total Yard   Total
	Total Area of N Buildings a (sq. ft.) B
	Number, Type and Size of Building May
	Number and Size of Try- docks: A - Floating D - Graving
	r and of me Rail-
S-E-C-R-E-T	nression as to efficiency of yard and adequacy of tools
1945-1947 Constructed Tugs, Fishdag and Fr. Bosts, 1948-1949 Constructed	Type of past Production. Year Construction Repair
	Reported Rumber Amployes
*	13t. maxi- mam number 1mployes
	Istimated Haximum Production Naval SDT   Nerch
Approved For Release 1999/09/08 : CIAROP79S01046A000200	ed laximum Yearly Production R R R R R R R R R R R R R R R R R R R

Subject Coordinates : 58°03 % 10"N-38°48 10"E Current Name: Katerostroyenie Shipyard SC. VALIES Alternate Marce: SHCHLEBAKOV SHIFYARD, "KAILKOSTHOYDUIK" 341, KATJA ZAVOD; Country USSI) City: SHCHEREBAKOV

Approved Fire Release 1999/09/08: CIA-RDP79S01046A000200060002-2

### S-E-C-E-E-T

Subjects

SHIPYARDS

Country:

City:

ussr **Sheher**bakov

Current Name: Katerestroyenie Shipperd

Alternate Name: Katja Zavod; "Katerostroyenie"341

Location: Legated about 1 mile west of the Confluence of the Sheksna and Velga Rivers, on the South Bank of the Volga.

Remarks: This yard was founded in 1906. It was partly destroyed during Wested War II, but has been completely rebuilt, enlarged, and modernized.

### Approved Release 1999/09/08 5CIADR79601046A000200060002-2

Subject

: SUIPYARDS

Country

៖ មិនទំន

City

. SHOW BAKON

Current Hame: Reterostroyenie Chinyard

CAPS IN INTULLIBRACE:

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guide in the preparation of this report. Up to date information in all cate yories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk (\*).

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  - \*a. Number
  - \* b. Location
  - \*c. Type
  - 🛊 d. Capacity
  - ♣e. Dimensions
- \*8. That drydock facilities exist at this yard?
  - 🚣 a. Number
  - 🗰 b。 Location
  - 🚣 c. Type
  - 💏 d. Capacity
  - 🌟 e. Dimensions

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    - d. Number of days worked per week.
    - e. Is there a seasonal flucuation in employment?
- 14. That is the estimated maximum number of employees per shift based on
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S-R-C-R-E-T

Approved Person 1999/09/08: CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in SDT)?

Approv	ed For Release	1999/09/08 : CÍÃ-	RDP798040	)46A0002000	060002-2		
	Country	· USR		City:	SECHERBANDY		
						 •	

: CATECAL DS Current lame: SELECTION SHIFTARD

Subject

Coordinates : (of Suchertakov) 58003 18-3805018

Total Yard Area	Total Area of Juildings	Number, Type and Size of	liumber and lize of ry-	Number and	General im- nression as	Type of past Production.	Reported Number	St. maxi-	stinated H Prod	axioum Yearly netion
(sq. ft.)	(sq. ft.)	Buildin Vay	docks: A = 1 co ding D = Graving	Tarine Tail- ways	to efficiency of yard and adequacy of tools	Construction Repair	mploves	nployes	Raval SD7	Nerchant 33T
						1948-Started production of fishing Vencels				121
		Approv	ed For Release 1	99/09/08 : CIA-F	₹D <b>£</b> 7 <b>9501<u>046</u>4<b>0</b>0</b>	<b>Q</b> 200060002-2	Edition of the Control	Andrews and the second		

Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002

Subject : SHIPYARDS USSR

City : Shcherbakev

Current Name : Salekhavo Shippard

Alternate Name:

Location : On the Rybinsk Reservoir, north of Shcherbakov.

Remarks : We further information exists on this yard.

Approved Release 1999/09/08 - GIA-RDRZ9S01046A000200060002-

SUIPYARDS

Country

USSR

City

Current Hame: Selekhove Shiryard

MAPS IN INTELLIGENCE:

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    - Number
    - b. Location
    - Type
    - Capacity
    - e. Dimensions
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    - a. Number
    - Location
    - Туре
    - Capacity
    - Dimensions

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Approved For Release 1999/09/08: CTA-REP79S01046A000200060002-2

S-R-C-R-E-7

Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-

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			Total Yard Total Area of Number Area Luildings and Si (sw.ft.) (sq.ft.) Buildi
			f Number, Type and Size of Buildin; Nay
			Number and Size of Dry- docks: A - Floating B - Traving
			Number and Size of Marine Rail- ways
Continue Land			Jeneral in- pression as to efficiency of yard and adequacy of tools
			Type of past Production. Fear Construction
		* <b>,</b>	leported lumber
			Est. maxi. mum number Employes
			Estimated daximum Froduction Naval SET derei
	ved For Release 1999/09/08 : 1274 RDP79		ian Ye

Current Dame: Maharbakar Ship Repole Shape Alternate Dames:

Subject: Silling

Country: USSR

Subject: Country: City:

SHIPYARDS

Current Name: Sheherbelov Ship Repair Shops

Alternate Name:

Location:

Located in the fishing harbor

Remarks:

Approved F elease 1999/09/08 : CIA-RDR79\$01046A000200060002-2

Subject

STIPYARDS

Country

HSSR

: SHCHEABARDY

Current Mame: Sheherbakev Ship Repair Yard

TAPS IN TUTCLLISTNOE:

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  - b. Location
  - Type
  - Capacity
  - Dimensions
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  - Number
    - Location
    - Type
    - Capacity
    - Dimensions

Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

- 49. What marine railway facilities exist at this yard?
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  - b. Location
  - \*c. Type
  - \* d. Capacity
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179

S-R-C-R-E-T

Approved F Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

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				fotal Yard Area (sq. ft.)
			238,,600	rd Total Area of Fuildings (sq. ft.)
			10-500" long operator to	hurbor, Type and Size of buildin: Way
		magifik sanian arkinishan propanjan		Number and (lize of Tywdocks: A wilming D w Graving
			Port 40%	Number and Size of Parine Rail-
South Control of the			£	Remoral im- nression as to efficiency of yard and adequacy of tools
		Tugs Troduced 1950-Froduced 1 etcamer and 1 barge each manage and 1 barge each management 1953-Froduced Narges and Floriding	1912-Constribed	Type of bast Production, Year Construction Repair
			2,000	leported Lunber Poloves
			7 <b>56</b> TT	3st. maxi- numor nuloyes
				.stineted li Prod liaval SDI
Approved For F	Release 1999/09/0	8 : CIÁ RIP79S0	<b>\$</b> 1046A000200	Production Production  Richard Spring Research

Coordinates :58°02'45" 1-38° 54' 30" E Current lame: VOLDMARKI SKIPYARO

Countary Altorante Lamos:

Subject

U.SE

Rybinsk Shipyard

SHCHELLAKOV

TI

S-3-C-R-R-T

# Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-

Subject Country City

SHIPYARDS USSR

Sheherbakev

Current Name

Voloderski Shinyard

Alternate Name:

Rybinsk Shipperd

Location

Located about 2 miles east of the railroad station, on the North Bank of the Volga.

Remarks

This shipperd was founded some than 40 years ago. It has been reported as developing from a primitive establishment into a regular first class yard during the course of the Five-Year Flans.

### Approved Felease 1999/09/08: CIA-RDP79\$01046A000200060002-2

Subject

: SUIPYATDS

Country

: USSR

City

: SICHSTBARDY

Current Mame: Voloderaki Shiryard

MAPS IN INTIMITABLE

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    - 🖊 d. Capacity
    - \*e. Dimensions
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  - \* a. Number
  - \* b. Location
  - Type
  - d Capacity
  - \*e. Dimensions

Approved For Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

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    - a. Number per shift.
    - b. Number of shifts por day.
    - c. Length of each shift.
    - d. Number of days vorked per week.
    - e. Is there a stasonal fluctuation in employment?
  - \*\*\* That is the estimated maximum number of employees per shift based on
- a minimum of 200 square fe t of building area per employee?

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Approved F release 1999/09/08 : CIA-RDP79S01046A000200060002-2

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (reasured in SDT) or merchant vessels (measured in RT)?

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	•		F	Size of 'ry- docks: A - 11ca ing D - Craving
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			<b>,</b>	.3t. maxi- mum numbor mployes
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Approved F	or Release 1999/09/08 :	186 CIA-RDP79S01046A	©000200	ed laxinum Tearly Production  lierchant Str

Coordinates : (of Sokolskoye) 57°06'N, 13°09'E

Current Lame:

Subject

Mitomote Tamos: Contay

33.E

SOKOLSKOTE

S-N-C-R-N-T

## Approved Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

SHIPYARDS Subject USSR Country City Sekelskoye

Current Name

Alternate Name:

Location

Coerdinates of Sokolskoye: 570081N, 430091E, Sokolskoye is on the Volga River

Remarks

This yard was founded prior to 1918 and is subordirate to the REF. Adjacent to it is an anchorage area which can accommodate 200 vessels. Be information has been received on this yard since 1941.

S-E-C-R-E-n

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### Approved F Release 1999/09/08 : CIA RDP 79501046A000200060002-2

Subject

: SUIPYATES

Country

: USSR

City

: SOKOTSKOYE

Current Hame: N.A.

MAPS IN THE TALL TWOE:

The following uestions were used as a research

guide in the preparation of this report. We to date information in all cate pories is desired, however, particular caps in intelligence exist on all subjects except those marked with an asterisk (\*).

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- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. That building ways exist at this yard?
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  - c. Type
  - d. Capacity
  - e. Dimensions
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  - c. Type
  - d. Capacity
  - e. Dimensions

- 9. that marine railway facilities exist at this yard?
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Munbor, Type Jumbor and Jumbor and General im- Julianc May Jose of Diage of

Approved Felease 1999/09/08 : CIA-RD#79604046A000200060002-2

Subject:

SHIPYARDS

Country:

City

USSR Semerka (Kirev Chlast)

Current Name: W.A.

Alternate Name: W.A.

Location: In the vidinity of the city of Sesnovka (56°15'N-51°17'E), Probably on the banks of the Tyatka River,

Remarks: Se little information exists on this yard that even its location is desistful.

Approved Release 1999/09/08: CIA-RDP79S01046A000200060002-2

S-E-C-F-F-T

Subject

: SHIPYARDS

Country

: USSR

City

: SOSHOVKA (Kirev Oblast)

Current Name: N.A.

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk .

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    - e. Is there a seasonal flucuation in employment?
  - 16. What is the estimated maximum number of employees per shift based on
- a minimum of 200 square feet of building area per employee?

  190 D

  Approved For Release 1999/09/08: CIA-RDP79S01046A000200060002-2

  S-E-C-P-E-T

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of raval vessels (measured in SDT) or merchant vessels (measured in GRT)?

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				6										Total Area of Buildings (sq.ft.)
ha sa	No.													Number, Type and Size of Building Way
- The second section is a second section of the section of the second section of the section of the second section of the second section of the sec									*. **.				F	Number and Size of Dry- docks: A - Meating B - Graving
S-D-C-R-II-I		<del></del>												Number and Size of Parine Rail- ways
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Alternate Hanes: Country: USSR

Current Hane: Indopped file

Subjects S Tryans

S---C-R----T City **somyma (Temboy Oblast)** 

Approved Release 1999/09/08 : CIA-BEP-79-80-70-46A000200060002-2

Subject: Country: SHIPYARDS

USSR

City Semmovka (Tamber Oblast)

Current Name: Shippard #840

Alternate Name: N.A.

Location: In the vicinity of the Sesnovka railroad station on the Essenski

One of the few reports on this yard states that it is under the set sentral of the Ministry of the Shipbuilding Industry.

192

Subject

SHIPYARDS

Country

RUSSR

City

Seenovke

Current Name:

Shipyard #840

GAFS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk

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    - e. Dimensions
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    - c. Type
    - d. Capacity
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S-T-C-R-E-T

#### Approved F Release 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject Country

SHIPYARDS

City

USSR Tambov

Current Name

N.A.

Alternate Name:

N.A.

Location'

On the TSMA Piver, MEE of the Tambov Pailroad Station

Remarks

This shippard started operations in 1944. In 1947, the yard was building 80-ton barges for use on the Tana River. In Movember 1948 it was mentioned in the Seviet press as being one of the first enterprises to fulfill its plan.

Subject : STIPYANDS

Country : MSSR

City : TANK

Current Hame: W.A.

MARS IN INTULLIANCE:

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- 7. That building ways exist at this yard?
  - a. Number
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  - a. Number
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  - e. Dimensions

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  - 11. What is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Length of time between keel laying and launching.
    - c. How many months a year is ship construction restricted by climatic conditions?
  - 12. That ships has the yard remained (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of repairs.
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S৵∀-C-₹-য়৵⊈ Approved Felease 1999/09/08 : CIA-RDP79S01046A000200060002-2 ১

17. If all of the yard's present facilities were devoted to shipbuilding on a one shift, six day, 48 hour week basis, and the labor force was increased to a maximum, what would be the estimated maximum yearly production of naval vessels (measured in SDT) or merchant vessels (measured in SDT)?

Current Name:

Country: USER
Alternate Names:

Subject: SHIFYALDS

		Total Yard Area (sw.ft.)
		Total Area of buildings (sq.ft.)
		Number, Type and Size of Building kay
		Number and Size of Dry- docks: A - Floating B - Graving
		Number and Size of Marine Rail- ways
آ سراسا) سال سال سال السال سال السال سال السال سال		General im- pression as to efficiency of yard and adequacy of tools
		Type of past Production. Year Construction hepair
		Reported Number Imployes
		Est. maxd. mum number Employes
		Estimated Frodu Naval SJT
201 Approved For Release 1999/09/08 : CIA-RDP79S	01046A00020006000	Estimated Maximum Yearly Froduction aval SDT Merchant GRT

Subject: Country:

SHIPYARDS

City:

Current Name:

Alternate Name:

In the vicinity Voronezh (51°38'W, 39°12'E)

Locations

Enformation on this yard is extremely meager. According to the Soviet Romarks: press it was one of the first enterprises in 1948 to fulfill the plan.

#### Approved Release 1999/09/08; CIA-RDR79S01046A000200060002

Subject : STPYATOS

Country

....

City

Yoranosh

Current Tame: MA

mide in the preparation of this report. No to date information in all categories is desired, however, particular aps in intelligence exist on all subjects except those marked with an asterisk

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  - e. Dimensions
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  - b. Location
  - c. Type

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- d. Capacity
- e. Dimensions

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Subject: SITPYMOS

Ourrent Name:

Altornate Names:

Country: USSR

*	Coordinates:						The Company of the Co	<b>የ</b> 2 23 ነ ተ			
	Total Yard	Total Area of Buildings	Number, Type and Size of	Number and Size of Dry-	Number and Size of	General in-	Type of past Production.	Reported Number	mun number	Estimated Haximum	laximum Yearly
	(sq.ft.)	(9g ±18)	Building Way	docks: A - Floating B - Graving	Marine Rail- ways	to efficiency of yard and adequacy of tools	Year Construction Repair	Employes	Employes	Nave. SDT	rche
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#### S-E-C-R-E-T

Subject: Country: City: SHIPYARDS USER Yerotynek

Current Name : Gerkly Shippard

Alternate Name: MA

Locations

Remarks: The existence of this yard is unconfirmed,

计可连接间表 法证据人

Subject : SuppyAr DO

Country : 1952

City : Yeretynek

Current "ane:

The following uestions were used as a research quide in the preparation of this report. We to date information in all cute pories is desired, however, particular taps in intelligence exist an all subjects except those marked with an asterisk 1.

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THE SECRET SECURITY OF SECURITY AND A SECURITY OF SECURITY SECURIT					
		}	Total Yard Area (sw.ft.)	Coordinates:	Cubject: SHILL.
	* Narodnyy Komiss	F	Total Area of Juildings (sq.ft.)	(of Vosicrasen	CHILL OS
	Komismarist Re	W.A.	Number, Type and Size of Building Lay	(of Vositrassenskas) 5661 an 150058	
	mariat Rechnogo Flota (P	<b>.</b>	Number and Size of Dry- docks: A - Floating B - Graving	Soots Talles	Country: Jeen
	(Peoples* Commed	M .A.	Number and Size of Marine Rail- Ways		
Control Contro	meriat of the	<b>u</b> <b>b</b>	Jeneral impression as to efficiency of yard and adequacy of tools	NKHF# Shipyard	City: WORKHES DISKOR
	Liver Floot)	1943-Built barges, one of which 600 tons	Type of past Production. Year Construction		NSKOK
	,	, A	Reported Number Jaployes		
		*	Est. maxl. mum number Employes		
		5	Bstimated Frodu Neval SJT		
Approved For Relea	ase 1999/09/08 : <b>ഏറ്റ</b> DP79S	501046A0002000600 <b>0</b> 2-	Estimated Maximum Yearly Froduction aval SUT Merchant Aut	÷	

S-E-C-R-E-T

Subject: Country:

SHIPYARDS

USSR

Citys

Current Name:

**Veskresenkoe** 

Alternate Name

Location:

MENT Shippard

Remarks:

Safermation on this yard is extremely meager. information.

brednyy Komissariat Rechnogo Flota (Pepples' Commissariat of the River Float - old title)

#### Approved For Release 1999/09/08; CIA-RDR79S01046A000200060002

Subject

: STIPYANDS

Country

: BSSR

City

Yaakresenskoe

Current Hame:

מסאר ווורדיון יו פראר:

The following cuestions were used as a research

guide in the preparation of this report. Up to date information in all categories is desired, however, particular maps in intelligence exist on all sub-

1. That is the current name of this y rd?

jects except those marked with an asterisk 💨 .

- 2. By what other names is the yard known?
- 3. That is the exact location of this yard?
  - a. Coordinates
  - b. Azimuth and distance from some prominent landmark.
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  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
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  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions

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  - a. Number
  - b. Location
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	Area (sq. ft.)
	wildings (sq. ft.)
	and Size of fail-lin Say
	docks:  A - louing  Carring  Carring
	ize of Taring Dail-
I O I O I O I O I O I O I O I O	nression as to cilicioncy of yard and adequacy of tools
	Production, Tear /* Construction
	nolored Temper
	num number roloyes
	Stirated laxion Production
Approved For Release 1999/09/08 : CIA-RDP79S01046A0002000	roduction rearly reduction 2

Coordinates : (of handa) 3735 L

Current Lame:

Subject

Alternate Taros:

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7:0°

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Typesett.

Subject: Country: SHIPYARDS USSR **Tyemild** Citys

Current Name: MA

Alternate Name: MA

Locations

Remarks: So little information pertaining to this yard is available that it is impossible to judge its importance,

Subject : STIPYATOS

Country : MASR

City : Tyumiki

Current Marie:

MAPS INTITIALITACE:

The following questions were used as a research

guide in the preparation of this report. We to date information in all caterories is desired, however, particular caps in intelligence exist on all subjects except those marked with an asterisk

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	suildings (sq. ft.)
	and Size of Twill-lin Say
	inmbor and fize of by-docks: A - leading C - having
	ize of laring Pail- mays
	recision as necession as necession as necession as of yard and adequacy of tools
1942 shrotucate shipbutliting occupaments 1943: Produce shipbutliting occupaments, somewhat arises shipbutliting s	Type of test Production Test Construction Construction
	Leported Leported Leported Description
	lst, maxi- mum number umpleyes
	stinated laginum Production liaval DI larch
Approved For Release 1999/09/08 : CIA <b>2€1</b> 0€79S01046A0002	od Karthum Teerly Production Production TorchantOne 20006000

Coordinates : (a that) State to the Ourrent lane: Subject

Commitary Itomate Tamas.

Subject: Country:

SHIPYARDS

City:

Current Name: Shimoraki Shippard

Alternate Name: MA

Location:

This installation is carried as a ship repair yard on the basis of its having converted ships boilers from the use of coal to wood during World Way II. There is no post-war information on this yard.

Subject : Stroy on

Country : MSSR

City

Current large Massall Salpari

The following uestions were used to a research

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quide in the preparation of this report. In to date information to all cat-

espring is desired, however, particular and in intillinance exist on all sub

- at that is the current name of this yord?
  - ?. By what other names is the gard known?
- 11. that is the exact location of this yard?
  - a. Coordinates
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  - 5. That is the general plan and layout of the yard?
  - A. That are the dimensions and functions of each fur Idia-
  - 7. That building were exist at this yard?
    - a. Humber
    - b. Location
    - c. Type
    - d. Capacity
    - e. \*Dimonsions
  - that drydock facilities exist at this yard
    - a. Number
    - b. Location
    - с. Туре
    - q. Capacity
    - a. Dimensions

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Current Name: NA

Subject: SHINK US

Country: USER

Alternate Names:

				F	Total Yard Area (sw.ft.)	11
				F	Total Area of buildings (sq.ft.)	
					Number, Type and Size of Building Kay	
					Number and Size of Dry- docks: A - Floating B - Grating	
					Number and Size of Marine Rail.	
Carling Carlin					Jeneral im- pression as to efficiency of yard and adequacy of	
			planated pro- duction of hogge with a	The partition of	Type of past Production. Year Construction	
			<b>5</b>	M 00m	Reported Number Saployes	
					Est. maxi. mum number Employes	
				=	Estimated Maximum Production Naval SSI Merch	
Approved For Release	1999/09/08 : 2	<b>A</b> RDP7980	1046A000200	060002-	Tea	

#### Release 1999/09/08 : CIA-RDP79S01046A000200060002-2 Approved F

SHIPYANDS

Subject: Country: City :

Current Name: Alternate Name: M.A.

Location:

Remarks:

Subject

SHIPYARDS

Country

R TISSR

City

Wahni Volochek

Current Name: m

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk

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  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 8. What drydock facilities exist at this yard?
  - a. Number
  - b, Location
  - c. Type
  - d. Capacity
  - e. Dimensions

## Approved F Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

- 9. That marine railway facilities exist at this yerd?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
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    - a. Tumber per smift.
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Current Name: Yaroslavl iShip Barair Shops Coordinates: 4707106m1,3051121m Area (sw.ft.) otal Yard Total Area of buildings (sq.ft.) Number, Type and Size of Building Way Number and
Size of Dry
docks:
A - Floatin
B - Graving

	के प्रतिक
	Number and Size of Marine Rail- ways
1952 downership on poor labor or ganization, labor or secondary or proper labor or proper labor or proper labor of proper labor or proper labor of proper labor of proper labor or proper labo	General impression as to efficiency of yard and adequacy of tools
	Type of past Production. Year Construction Repair
	Hepo Numb Langi

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Approved For Release 1999/09/08 : 02/250 P79S01046A000200060002-2

mum number Employes Est. maxi-

Estimated Maximum Yearly
Froduction

Naval SDT

Merchant GRT

F

F

Approved Felease 1999/09/08 : CIA-RDP79S01046A000200060002-2

Subject: SHIPYANDS

Country:

[Amiles] City

Current Name: Taronisvi' Ship Hopair Shaps

Alternate Name: Parishetey Kommunyl Yard (Zavod)

Location:

a small peninsula extending southward at the intersection of a CI river and the Velga, southeast (57°37'06"H, 39°54'21"E), the m senter of Yaroslavi's

Remarks:

atly anly a minor installation, subordinate to the Volga

Burt Har hell :

Approved Fourierase 1999/09/08: CIA-RDP79501046A000200060002-2

Subject

: SHIPYARDS

Country

2 IISSR

City

, Yereslavl

Current Name: Taroslavi Ship Repair Shops

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk \( \mathbb{A} \).

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  - 7. What building ways exist at this yard?
    - Number
    - Lecation

    - Capacity
    - Dimensions
  - B. What drydock facilities exist at this yard?
    - Number
    - Location

    - Capacity
    - Dimensions

- 9. What marine railway facilities exist at this yard?
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  - 14. That is the estimated maximum number of employees par shift based on
- a minimum of 200 square fe t of building area por employee?

Approved F Release 1999/09/08 : CIA-RDP79S01046A000200060002-2

on a one shift, six day, 18 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SDT) or merc ant vessels (measured in SDT)?

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h Martija a skoot kulk stak valkijagoore ja "kakali Yalkiji kulkiji adalike valkooje adali asaa					
			P	Area (sw.ft.)	Coordinates:
				Total Area of unildings (sq.ft.)	7
				Number, Type and Size of Buildin; Way	de Sindypari 6348
			Account of the control of the contro	Number and Size of Dry- docks: A = Floating B = Graving	Alternate Names:
				Number and Size of Marine Rail- ways	
آر سن مرز مرز مرز استان م				Jeneral im- pression as to efficiency of yard and adequacy of tools	91.14/4
			1993-daila school and wooden laund wooden and man cuttons, tags 1902-daila	Type of past Froduction, fear Construction	
				Reported Number Imployes	
				Dst. maxi. mum number Employes	
				Estimated laximum Froduction  Naval SJT lerc	
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## Approved F Release 1999/09/08 : CIA-RDP79501046A000200060002-2

Subject: SHIP YANDS

Country: USS.

Current Name: Shippers #345

Alternate Name: Yeroelevl' Cutter Yard

Location:

We makes S.E. of Yaroslavl's main railway station on the west bank

Remarks:

Dis york has read and rail connections with Taroslavi'. It conditions in the production of cutters and appears to be an temperature preducer of this type of river craft.

S-U-C-L-T-T

Approved For elease 1999/09/08: CIA-RDP79\$01046A000200060002-2

Subject

SHIPYARDS

Country

City

Current Name: Yaresiavl' Shipyard #345

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk \*).

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  - Number
  - Lecation

  - Capacity
  - e. Dimensions
- What drydock facilities exist at this yard?
  - Number
  - Location

  - Capacity
  - Dimensions

- 🏶 9. That marine railway facilities exist at this yord?
  - 🛊 a. Number
  - \* b. Location
  - 🗱 с. Тура
  - 🔻 d. Capacity
  - \* e. Dimensions
- 10. That information pertoining to the criticiancy of the yard and the adequacy of tools can be given:
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    - \* a. Types and dates of construction.
      - b. Longth of time between keel layin; and launching.
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  - 12. That ships has the part re aired (1935-present)?
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    - Co Length of each shift.
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	(Clease 1333/03/0	o . CIA-RDF / 30	601046&00020006000		Current Name
					26
				Number, Type and Size of Buildin; Way	The second secon
				Number and Size of Dry- docks: A - Floating B - Graving	Alternate Names:
		•		Number and Size of Marine Rail- ways	S
\$ - - - - - - - - - - - - - - - - - - -				eneral impression as to efficiency of yard and adequacy of tools	
				Type of past Production. Tear Construction	
				Reported Number Imployes	
				List. maxi. mum number Employes	
				Estimated Maximum Froduction Naval SUT Merci	
		720	S01046A00020006000	Ye.	• · ·

Subject: Country: City:

SHITPYANDS

USEn

Current Name Targetta Shipyard

Alternate Name:

Location: On the right bank of the Velga River, opposite the intersection of Velga and a smaller river. (57°20°W,13°07°E)

Remarks: This appears to be a very minor river yard with primative facilities.

Approved F elease 1999/09/08: CIA-RDP79S01046A000200060002-2

Subject

: SHIPY ARDS

Country

City

Current Name: Turyents The year

GAPS IN INTELLIGENCE:

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  - Number
  - Lecation

  - Capacity
  - Dimensions
- 8. What drydock facilities exist at this yard?
  - Number
  - Location

  - Capacity
  - Dimensions

- 2
- 9. That marine railway Condities exist at this roul!
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    - a. Types are dated of repair.
    - b. Extent of repairs.
    - Couldn' many months a mar in a up remain restricted y climatic specifications;
- 13. That other products (including ship components) are capatactured or assembled at this yord, and in that committees?
- The that percentary of the years smellings and termined in the production of these other items?
  - 15. "or many conlogs or done the my highest
    - s. Tumber our solit.
    - by tubber of office or day.
    - Co Integto of same William
    - do further of days cocked are work.
    - C. Is there as a percel Counties in employment?
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						Total Yard Area (sw.ft.)
						Total Area of Luildings (sq.ft.)
,						Number, Type and Size of Building May
				*		Number and Size of Dry- docks: A - Floating B - Graving
						Number and Size of Harine Rail- ways
						Jeneral impression as to efficiency of yard and adequacy of tools
Time which and sharing belowing as a second agreement.						Type of past Production. Year Construction in pair
						Reported Number Suployes
						Est. maxi- mum number Employes
**************************************						Estimated Maximum Froduction Naval SUT Merci
	Approved For Releas		241			ᇣᆝᆑ

ிubject: அட்டும் அத

Current Name:

Country: Jean

Alternate Lames:

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Subject:

SHITHYARDS

Country:

USSn

City :

Yurwets

Current Name: N.A.

Alternate Name: N.A.

Location: Upstreen from the intersection of the Volga and a smaller river, on the right bank of this smaller river (57°20'H,43°07'E)

Remarks: This is an extremely primitive installation. Barges were hauled

out of the water for repairs only once a year at high water and returned to the river at the next high water.

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Subject

: SHIPYARDS

Country

USSR

04+4

. TUREVETS YUR YEVETS

Current Name:

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except those marked with an asterisk

- 1. What is the current name of this yard?
- 2. By what other names is the yard known?
- 3. What is the exact location of this yard?
  - a. Coordinates
  - b. Azimuth and distance from some prominent landmark.
- 4. What are the limits of the yard area?
- 5. What is the general plan and layout of the yard?
- 6. What are the dimensions and functions of each building?
- 7. What building ways exist at this yard?
  - a. Number
  - b. Lecation
  - c. Type
  - d. Capacity
  - e. Dimensions
- 8. What drydock facilities exist at this yard?
  - a. Number
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions

- 9. That marine railway, facilities exist at this york?
  - a. Na ber
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's chip construction distory (3935-proceed):
    - a. Types and dames of construction.
    - b. Longth of the between keel laying and lammening.
    - co flow many conditions a year is ship construction restricted by climatic conditions?
  - 12. That ships has the part me mixed (1035-pres nt):
    - a. Types and dates of repair.
    - be Extent of repairs.
    - c. For many months a war it slip recair restricted y climatic conditions:
- 13. That other products (inclimin to in components) are manufactured or assembled at this yird, and in the countleles?
- The That percents a of the yards Casillilles are involved in ( ) mediction of these other items?
  - 15. "or many challenges deed the profitable
    - a. Tumber per andft.
    - be further of solitars a day.
    - Co. Length of assis diff.
    - d. Tumber of tare same town same.
    - co. Is there as marmed location in spelourous?
  - 14. That is the estimated raximum number of employees par shift based on
- a minimum of 200 square fe t of mailing area our endroyee?

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17. If all of the yard's present facilities were devoted to a lipbuilding on a one shift, six day, 18 hour cok basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in CDT) or norce and vessels (measured in CDT)?

	(a) 1 (b) 1 (c) 1
	(solft) (shifted)
	and Size of Syliding (agy
	Size of Drysdrotts;  3 - Fraving
	Number and Sizo of Serino Seil- Mays -
	Jeneral im- pression as to efficiency of yard and adequacy of boots
1942-Repaired tugs and freighters, constanced freight burges and small woden burges and houseboats, woden burges and houseboats, repaired tugs proticed ships built align built hills for flocking equipment.  1952-Repaired ships holes built hills for flocking crumes.	Type of past Froduction, Year Construction
	Reported Rumber Splayes
	ist, maxie
	Lettimored .ax Foodmort
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Sportfinances (of Zummigonski Jaken)55 50 m. 16 72 m.

Persona Same Endyalog Shippord

MOLVE THE COURSE LATE

Subject:

SHITHYANDS

Country:

Evenogovskiy Zaton (Zvenigove)

Current Name: Dalyakov Shiryerd

Alternate Name: "Brasny Octyabr Shippard," Budenny Shippard

Location: Coordinates of Employweki Zaton; 250581H, 480221E. The shiryard is located on the Velca River at the mouth of the Zvenica River.

Remarks: This appears to be a river repair and building yard of moderate importance. Twee founded in 1971 and between that time and 1946 bed built 110 river versels and completely everhauled 120. In 1946 the plant was reported as well supplied with modern equipment. He waster settlement had become a good sized town with two schools, two hespitals and other community establishments.

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Subject

: SHIPYARDS

Country

Current Name:

GAPS IN INTELLIGENCE: The following questions were used as a research guide in the preparation of this report. Up to date information in all categories is desired, however, particular gaps in intelligence exist on all subjects except these marked with an asterisk

- \*1. What is the current name of this yard?
- By what other names is the yard known?
  - 3. What is the exact location of this yard?
    - a. Coordinates
    - b. Azimuth and distance from some prominent landmark.
  - What are the limits of the yard area?
  - What is the general plan and layout of the yard?
  - What are the dimensions and functions of each building?
  - What building ways exist at this yard?
    - Number
    - Location

    - Capacity
    - Dimensions
  - What drydock facilities exist at this yard?
    - Number
    - Location
    - Type
    - Capacity
    - Dimensions

- 9. That marine railway facilities exist at this y rd?
  - a. Nu ber
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information pertaining to the efficiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
    - b. Longth of tire between keel laying and Lounching.
    - c. \* Now many months a year is ship construction restricted by climatic conditions?
  - 12. That ships has the ward re-aired (1935-present)?
    - a. Types and dates of repair.
    - b. Extent of recairs.
    - c. Now many conths a year is ship repair restricted by climatic conditions:
- 13. That other products (including this components) are canufactured or assembled at this yard, and in that quantities?
- 14. That percentage of the yards facilities are involved in the production of these other items?
  - 15. "or rany employees does the yord have?
    - as Sumber per selft.
    - b. Tumber of spifts our day.
    - C. Length of oac shift.
    - d. Number of days worked per week.
    - 3. Is there as asonal fluctuation in employment?
  - 16. that is the estimated maximum number of employees por shift based on
- a minimum of 200 square fe to building area por employee?

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on a one shift, six day, h8 hour week basis, and the labor force was increased to a maximum, that would be the estimated maximum yearly production of naval vessels (measured in SOT) or more ant vessels (measured in SOT)?

- 9. That marine railway facilities exist at this yord?
  - a. Mumber
  - b. Location
  - c. Type
  - d. Capacity
  - e. Dimensions
- 10. That information postsible to the officiency of the yard and the adequacy of tools can be given?
  - 11. That is the Yard's ship construction history (1935-present)?
    - a. Types and dates of construction.
      - b. Longth of vire between keel layin; and launching.
      - c. 'Fow many combs a year is ship construction restricted by climatic conditions?
  - 12. That ships has the sand resaired (1935-propent)?
    - a. Types and dates of repair.
    - b. Extent of rubairs.
    - d. For many months a sear is slip recair restricted by
- 13. This other products (including white compenents) are manufactured or assembled at this good, we be take conflicted.
- The That percentage of the years family is as, impolved in the production of these other items?
  - 15. Not many employees does the yord base?
    - a. Tumber our scaft.
    - b. Turber of sodits our day.
    - C. Laugha of eac shift.
    - d. Murber of days surked nor work.
    - e. Is there are associal Machatien in employment?
  - 16. That is the estimated reximum number of employees per shift based on
- a minimum of 200 square fe t of building area par employee?

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The sources of information have been limited to the Industrial Register of CIA and the files of the Shipbuilding Branch of the Industrial Division of ORR.

The total yard area and the total area of buildings have been estimated from serial photographs and/or sketches or other descriptive information. The graphics in which these estimates have been based are contained herein in the city folder of the area,

For the purposes of this report the total area of buildings includes:

- (a) The horizontal projected roof area of shop buildings believed to be engaged in productive work, the number of floors being disregarded.
- (b) The area of longitudinal building ways, marine railways, and graving docks plus an allowance for working space along each side equal to one half of the width of the way, dock or railway, and a space of 30 feet at the head of the way, dock or railway.
- (c) The area of transverse building ways and the building section of patent slipways.
  - (d) The area of welding or assembly platens.
- (e) The area of floating drydocks is not included because of their non-parmanent status,

The number, type, and size of building ways, drydocks and marine railways have been estimated from the most recent information available.

If graphics were used as a source of information they are enclosed in the city folder.

The general impression as to the efficiency of the yard and the adequacy of tools, the type of past production, and the reported number of employees have

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been obtained from finished intelligence sources if possible. It is to

be noted that the reported number of employees in some instances includes the total number employed on three shifts, and in other instances only the total number employed on the first or main shift.

The estimated maximum number of employees (on the first shift) has been calculated from the total area of buildings by using a factor of 200 square feet per employee. This factor is derived from data on a large number of US shippards. It has been found to be approximately correct for shippards in East Germany (see CRR Project 35.242) and for shippards in Czechoslovakia (see CRR Project 35.245). When more than one shift is employed it is estimated that the estimated maximum number of employees (on the first shift) is approximately 60 per cent of the total number of workers employed by that yard.

The estimated maximum yearly production, merchant or naval, has been obtained from finished intelligence studies where possible In the great majority of cases such estimates are not available and est\_ted maximum capabilities are based on the following productive rates of the maximum number of employees, with the yard operating on a one shift basis.

Merchant vessels (all types and sizes) - 7 grt per man-year
Naval vessels (all types and sizes) - 2 sdt per man-year

These productivity factors are obtained from information contained in ORR Project 35.51, ORR Project 35.244, hipbuilding Branch contributions to Office-Wide Project 0.6, and from discussions with analysts of ONI and AFOIN.

Factual data is not available to support these factors and it should be realized that the estimated maximum yearly production based on them can be considered as only rough approximations. The estimated margins of error of these factors are

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as follows:

Merchant production - / 35% to - 10%

Naval production - \$ 32% to - 27%

If hunching facilities other than cranes are available at the yard it is assumed that the yard has the capability of ship construction, even if it is or has been engaged in ship repair exclusively. If no launching facilities are available an entry of "Repair Only" has been made instead of an estimate of maximum yearly production.